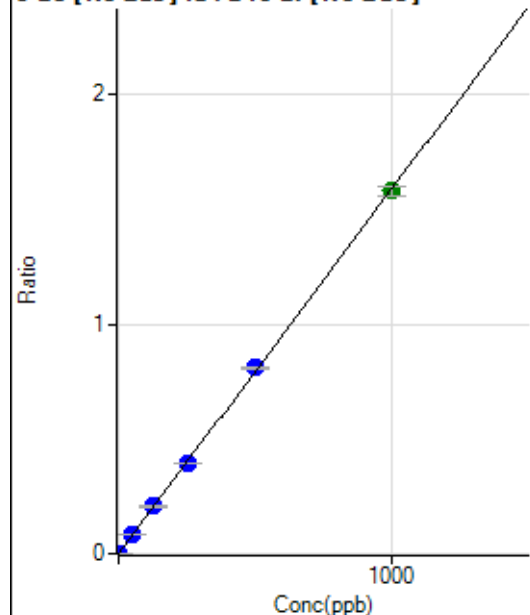


Batch Folder: D:\P8031419MS.b\
Analysis File: P8031419MS.batch.bin
DA Date-Time: 2019-03-15 00:47:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-14 14:05:17
2			
3	005CALS.d	S02	2019-03-14 14:12:45
4	006CALS.d	S03	2019-03-14 14:16:40
5	007CALS.d	S04	2019-03-14 14:20:33
6	008CALS.d	S05	2019-03-14 14:24:21
7	009CALS.d	S06	2019-03-14 14:28:02
8	010CALS.d	S07	2019-03-14 14:31:39
9	011CALS.d	S08	2019-03-14 14:35:09

9 Be [No Gas] ISTD:6 Li [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.928	1094.50	0.0016	P	2.7
4	☐	50.000	51.486	54200.77	0.0819	P	1.1
5	☐	125.000	129.244	139036.54	0.2054	P	5.6
6	☐	250.000	245.648	276549.09	0.3902	P	0.2
7	☐	500.000	509.715	556574.28	0.8095	P	1.1
8	☐	1000.000	995.626	1115754.51	1.5811	A	2.3
9	☐			243.34	0.0003	P	17.3

$$y = 0.0016 * x + 1.1587E-004$$

$$R = 0.9999$$

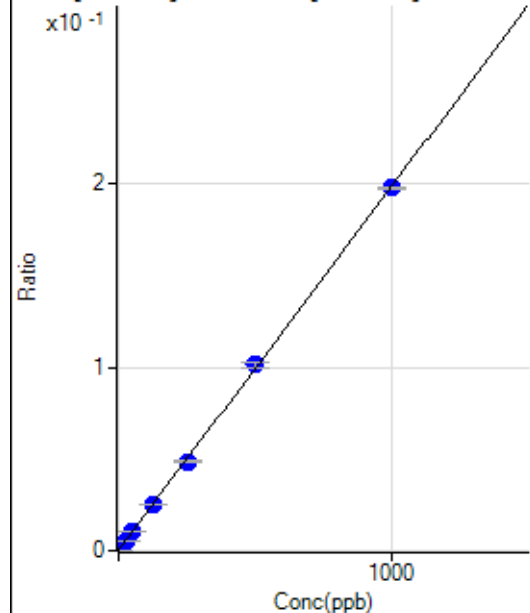
$$DL = 0.02152$$

$$BEC = 0.07296$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.35	0.0003	P	3.1
2	☐	2.500					
3	☐	25.000	22.521	3281.07	0.0048	P	1.4
4	☐	50.000	50.419	6815.79	0.0103	P	5.6
5	☐	125.000	125.536	17074.71	0.0252	P	3.5
6	☐	250.000	244.278	34559.40	0.0488	P	4.1
7	☐	500.000	509.776	69731.46	0.1014	P	2.9
8	☐	1000.000	996.516	139731.33	0.1980	P	0.8
9	☐			6432.29	0.0089	P	4.3

$$y = 1.9839E-004 * x + 2.9730E-004$$

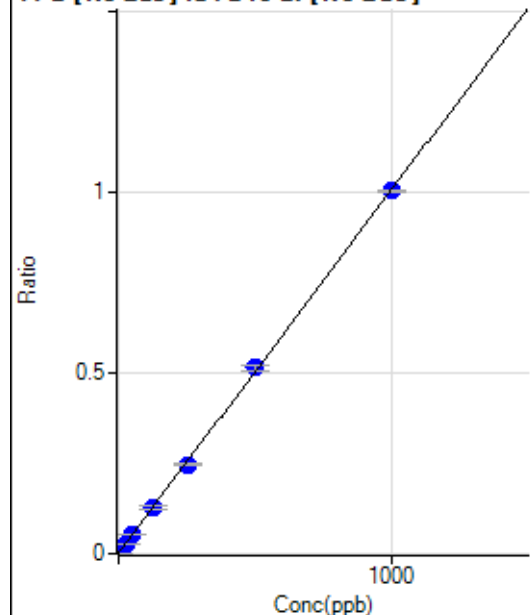
$$R = 0.9999$$

$$DL = 0.1403$$

$$BEC = 1.499$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1105.65	0.0016	P	7.9
2	☐	2.500					
3	☐	25.000	23.090	17058.05	0.0248	P	3.0
4	☐	50.000	50.608	34701.36	0.0524	P	2.7
5	☐	125.000	125.904	86701.12	0.1281	P	6.6
6	☐	250.000	243.244	174330.88	0.2460	P	1.4
7	☐	500.000	509.308	352882.92	0.5133	P	2.8
8	☐	1000.000	996.939	708014.88	1.0032	P	0.6
9	☐			32423.87	0.0447	P	6.2

$$y = 0.0010 * x + 0.0016$$

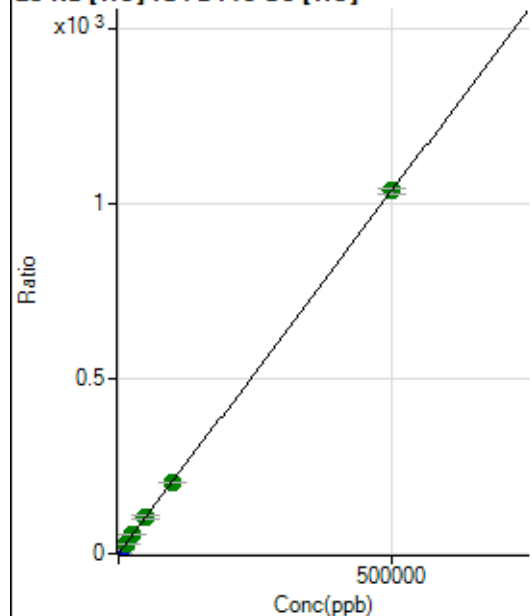
$$R = 0.9999$$

$$DL = 0.3711$$

$$BEC = 1.57$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10546.02	0.2227	P	2.8
2	☐	50.000					
3	☐	500.000	489.627	57734.63	1.2378	P	0.9
4	☐	5000.000	5110.758	505263.64	10.8189	P	3.1
5	☐	12500.000	13030.635	1275635.92	27.2394	A	0.9
6	☐	25000.000	26739.204	2514066.40	55.6616	A	3.0
7	☐	50000.000	50699.428	4973010.05	105.3389	A	7.5
8	☐	100000.00	97535.676	10009669.58	202.4455	A	0.4
9	☐	500000.00	500321.59	49703608.75	1,037.550	A	1.9

$$y = 0.0021 * x + 0.2227$$

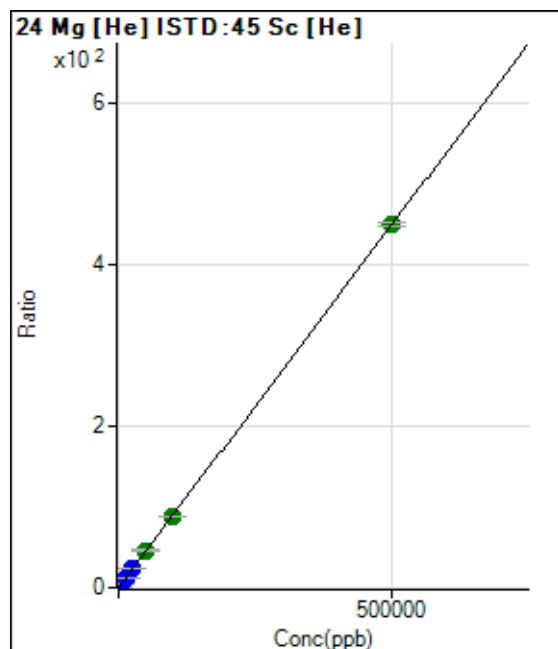
$$R = 1.0000$$

$$DL = 9.141$$

$$BEC = 107.4$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.69	0.0088	P	1.5
2	☐	50.000					
3	☐	500.000	510.393	21742.39	0.4662	P	2.3
4	☐	5000.000	5116.340	214586.02	4.5944	P	2.3
5	☐	12500.000	12853.146	539898.25	11.5285	P	0.4
6	☐	25000.000	26560.040	1075457.51	23.8135	P	3.5
7	☐	50000.000	51239.012	2168928.95	45.9322	A	7.0
8	☐	100000.00	97715.375	4330627.53	87.5871	A	0.5
9	☐	500000.00	500245.01	21480467.15	448.3580	A	1.1

$$y = 8.9626\text{E-}004 * x + 0.0088$$

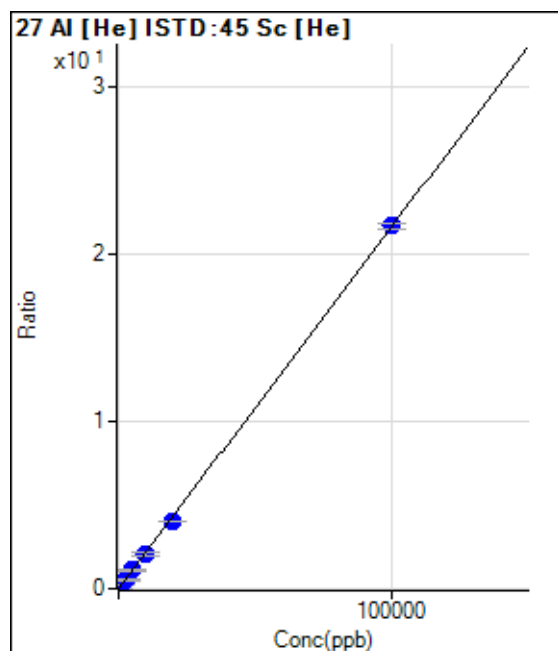
$$R = 1.0000$$

$$DL = 0.4482$$

$$BEC = 9.816$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.35	0.0012	P	17.6
2	☐	2.000					
3	☐	20.000	16.298	221.73	0.0048	P	17.3
4	☐	1000.000	978.360	9939.40	0.2129	P	4.0
5	☐	2500.000	2405.768	24427.15	0.5216	P	1.7
6	☐	5000.000	5055.155	49443.62	1.0947	P	2.9
7	☐	10000.000	9488.503	96960.24	2.0536	P	7.3
8	☐	20000.000	18608.480	199069.25	4.0262	P	0.4
9	☐	100000.00	100329.26	1039684.43	21.7023	P	1.5

$$y = 2.1630\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

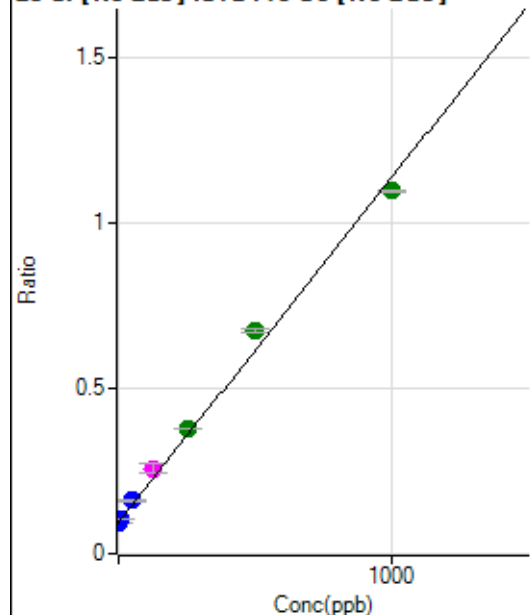
$$DL = 3.011$$

$$BEC = 5.705$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	366479.51	0.0948	P	0.5
2	☐	1.000					
3	☐	10.000	10.980	406137.58	0.1062	P	0.6
4	☐	50.000	62.864	601362.17	0.1603	P	0.4
5	☐	125.000	157.418	963882.15	0.2590	M	9.4
6	☐	250.000	270.004	1467405.34	0.3764	A	0.3
7	☐	500.000	556.932	2558101.01	0.6756	A	2.3
8	☐	1000.000	961.828	4195874.14	1.0979	A	0.2
9	☐			649444.80	0.1660	P	1.5

$$y = 0.0010 * x + 0.0948$$

$$R = 0.9970$$

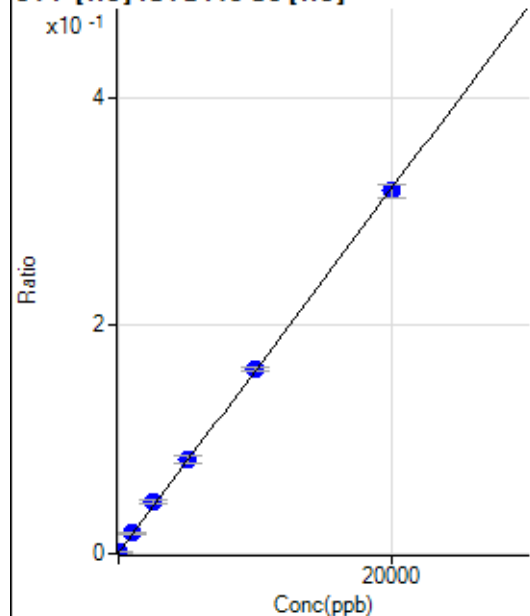
$$DL = 1.445$$

$$BEC = 90.87$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-31.807	8.33	0.0002	P	99.1
2	☐	0.000					
3	☐	0.000	31.807	55.56	0.0012	P	8.1
4	☐	1000.000	1085.770	841.74	0.0180	P	6.7
5	☐	2500.000	2775.934	2108.60	0.0450	P	7.6
6	☐	5000.000	5163.212	3753.46	0.0832	P	8.7
7	☐	10000.000	10084.903	7655.19	0.1618	P	2.7
8	☐	20000.000	19877.965	15737.10	0.3183	P	3.7
9	☐			13.89	0.0003	P	69.7

$$y = 1.5976E-005 * x + 6.8267E-004$$

$$R = 0.9999$$

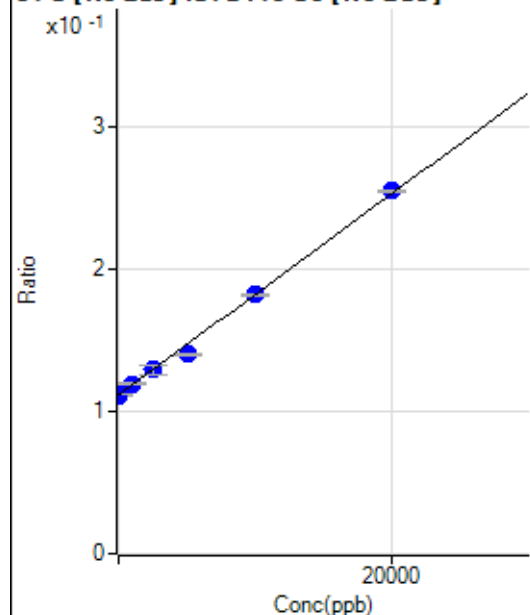
$$DL = 25.32$$

$$BEC = 42.73$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-115.798	427741.74	0.1106	P	0.5
2	☐	0.000					
3	☐	0.000	115.798	429176.86	0.1122	P	0.6
4	☐	1000.000	1117.781	447483.73	0.1193	P	1.4
5	☐	2500.000	2515.429	481290.12	0.1292	P	5.7
6	☐	5000.000	3996.379	544328.74	0.1396	P	1.4
7	☐	10000.000	9931.202	687250.64	0.1815	P	0.5
8	☐	20000.000	20277.486	972545.85	0.2545	P	0.7
9	☐			394982.40	0.1010	P	1.7

$$y = 7.0550\text{E-}006 * x + 0.1114$$

$$R = 0.9984$$

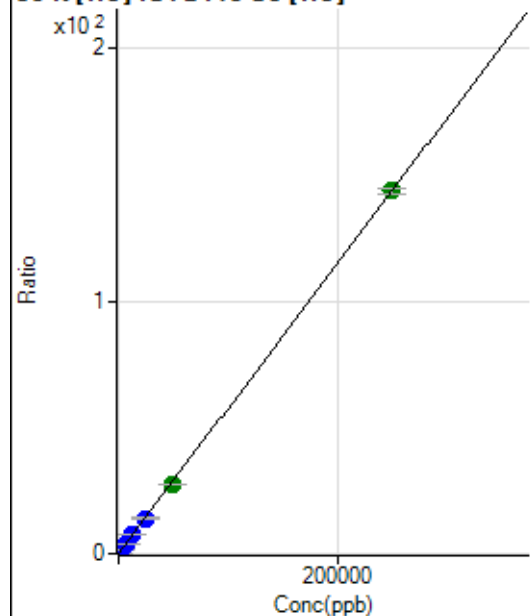
$$DL = 266.5$$

$$BEC = 1.579\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4523.14	0.0955	P	6.1
2	☐	50.000					
3	☐	500.000	482.000	17325.18	0.3715	P	1.4
4	☐	2500.000	2441.994	69757.05	1.4936	P	2.7
5	☐	6250.000	6174.750	170029.98	3.6306	P	0.9
6	☐	12500.000	12665.705	331811.39	7.3467	P	3.3
7	☐	25000.000	24332.709	662273.02	14.0262	P	7.2
8	☐	50000.000	48000.310	1363466.14	27.5761	A	0.9
9	☐	250000.00	250460.87	6873902.07	143.4866	A	1.6

$$y = 5.7251\text{E-}004 * x + 0.0955$$

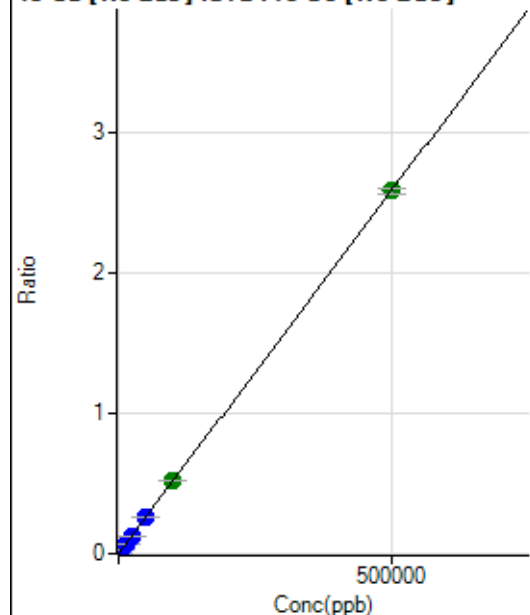
$$R = 1.0000$$

$$DL = 30.66$$

$$BEC = 166.8$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	643.36	0.0002	P	15.0
2	☐	50.000					
3	☐	500.000	454.764	9620.12	0.0025	P	2.4
4	☐	5000.000	5003.211	97565.11	0.0260	P	0.4
5	☐	12500.000	12630.664	243735.65	0.0654	P	5.6
6	☐	25000.000	24115.122	486329.86	0.1247	P	1.1
7	☐	50000.000	50516.104	988805.47	0.2611	P	0.8
8	☐	100000.00	100938.74	1993529.35	0.5216	A	0.4
9	☐	500000.00	499801.63	10099846.03	2.5822	A	1.6

$$y = 5.1661\text{E-}006 * x + 1.6640\text{E-}004$$

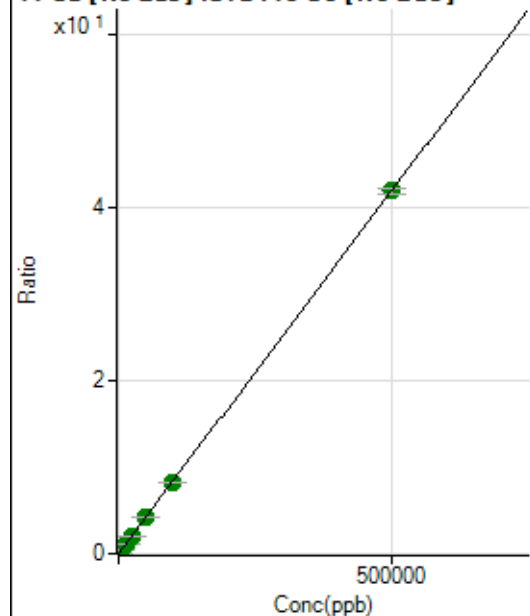
$$R = 1.0000$$

$$DL = 14.47$$

$$BEC = 32.21$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24246.72	0.0063	P	0.7
2	☐	50.000					
3	☐	500.000	453.641	169119.24	0.0442	P	0.7
4	☐	5000.000	5095.337	1622724.70	0.4327	A	0.9
5	☐	12500.000	12658.505	3970417.65	1.0656	A	5.5
6	☐	25000.000	24145.054	7901698.22	2.0268	A	0.9
7	☐	50000.000	50526.112	16033858.23	4.2345	A	0.9
8	☐	100000.00	98912.441	31656888.14	8.2837	A	0.4
9	☐	500000.00	500202.77	163743223.1	41.8652	A	1.5

$$y = 8.3684\text{E-}005 * x + 0.0063$$

$$R = 1.0000$$

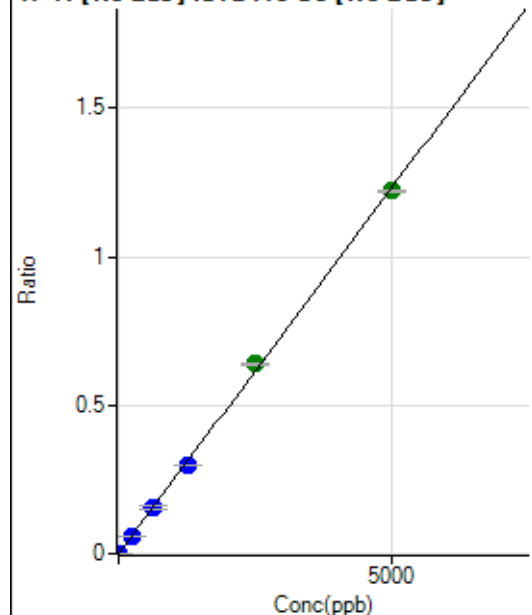
$$DL = 1.594$$

$$BEC = 74.93$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	40.7
2	☐	0.500					
3	☐	5.000	4.688	4520.37	0.0012	P	4.6
4	☐	250.000	248.404	229465.27	0.0612	P	1.0
5	☐	625.000	633.743	581400.59	0.1561	P	5.7
6	☐	1250.000	1204.021	1155716.56	0.2964	P	1.1
7	☐	2500.000	2592.409	2416771.30	0.6383	A	1.0
8	☐	5000.000	4964.277	4670749.71	1.2222	A	0.5
9	☐			1013.97	0.0003	P	11.8

$$y = 2.4619\text{E-}004 * x + 2.8015\text{E-}005$$

$$R = 0.9997$$

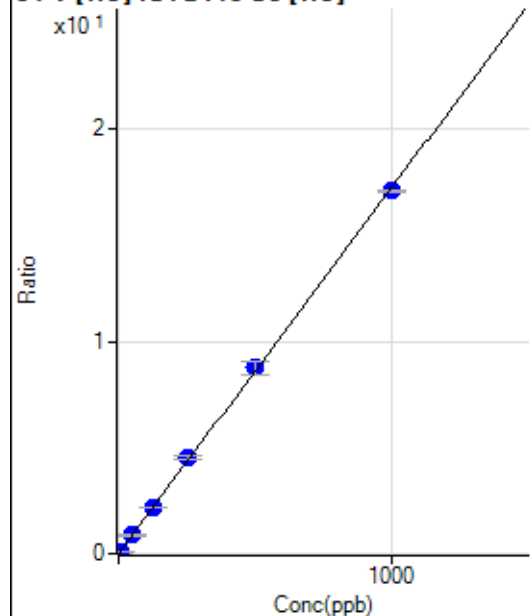
$$DL = 0.1391$$

$$BEC = 0.1138$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0004	P	32.1
2	☐	0.500					
3	☐	5.000	5.010	4040.65	0.0867	P	3.4
4	☐	50.000	50.523	40626.81	0.8701	P	4.6
5	☐	125.000	127.792	103034.58	2.2001	P	0.3
6	☐	250.000	263.808	205080.29	4.5414	P	3.9
7	☐	500.000	508.324	413078.36	8.7503	P	7.6
8	☐	1000.000	992.011	844290.70	17.0761	P	0.5
9	☐			128.89	0.0027	P	22.1

$$y = 0.0172 * x + 4.2111\text{E-}004$$

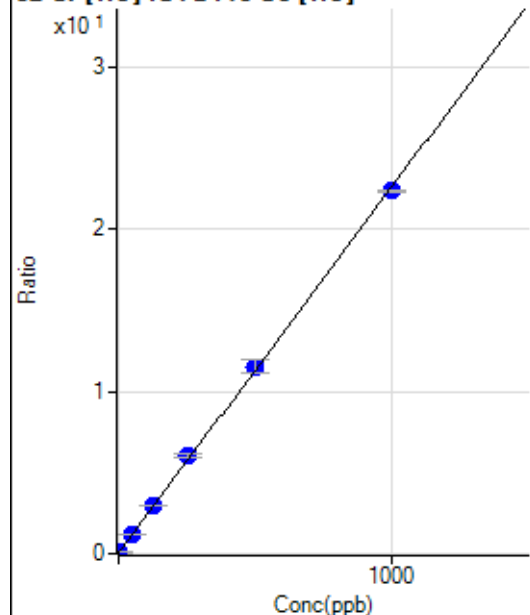
$$R = 0.9998$$

$$DL = 0.02353$$

$$BEC = 0.02446$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1537.89	0.0325	P	1.8
2	☐	0.200					
3	☐	2.000	1.965	3578.29	0.0768	P	5.0
4	☐	50.000	51.324	55529.71	1.1890	P	2.8
5	☐	125.000	128.519	137142.07	2.9284	P	0.5
6	☐	250.000	266.780	272929.79	6.0439	P	3.9
7	☐	500.000	510.601	544601.42	11.5380	P	7.9
8	☐	1000.000	989.998	1104569.68	22.3405	P	0.8
9	☐			8961.88	0.1870	P	1.1

$$y = 0.0225 * x + 0.0325$$

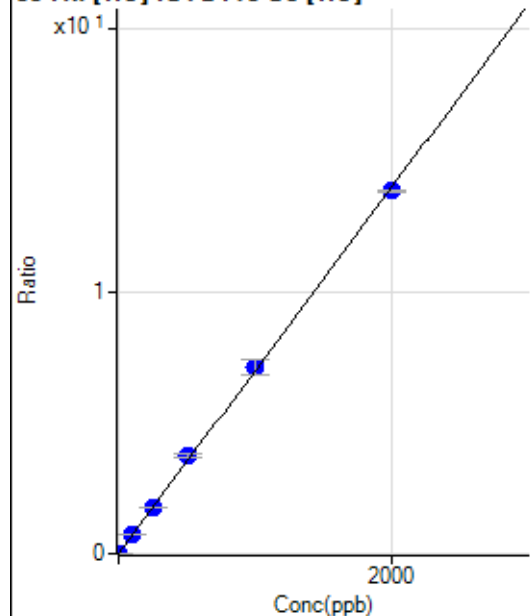
$$R = 0.9998$$

$$DL = 0.07749$$

$$BEC = 1.441$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	85.56	0.0018	P	1.8
2	☐	0.100					
3	☐	1.000	0.976	402.23	0.0086	P	2.3
4	☐	100.000	102.336	33452.37	0.7163	P	3.5
5	☐	250.000	256.161	83845.45	1.7904	P	0.2
6	☐	500.000	532.135	167882.96	3.7173	P	3.4
7	☐	1000.000	1018.621	335799.02	7.1140	P	7.8
8	☐	2000.000	1981.769	684233.33	13.8388	P	0.2
9	☐			2639.19	0.0551	P	1.0

$$y = 0.0070 * x + 0.0018$$

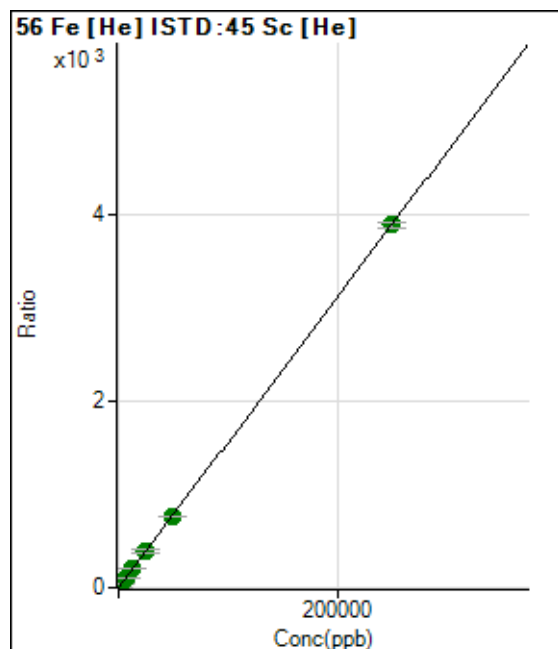
$$R = 0.9998$$

$$DL = 0.01419$$

$$BEC = 0.2587$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3248.62	0.0686	P	7.0
2	☐	5.000					
3	☐	50.000	51.668	40631.95	0.8712	P	1.7
4	☐	2500.000	2593.403	1884626.06	40.3535	A	2.9
5	☐	6250.000	6456.713	4700216.08	100.3647	A	0.1
6	☐	12500.000	13169.354	9242742.57	204.6363	A	3.0
7	☐	25000.000	25118.510	18421245.78	390.2498	A	7.8
8	☐	50000.000	49020.614	37652995.29	761.5359	A	0.7
9	☐	250000.00	250144.45	186153300.4	3,885.715	A	1.4

$$y = 0.0155 * x + 0.0686$$

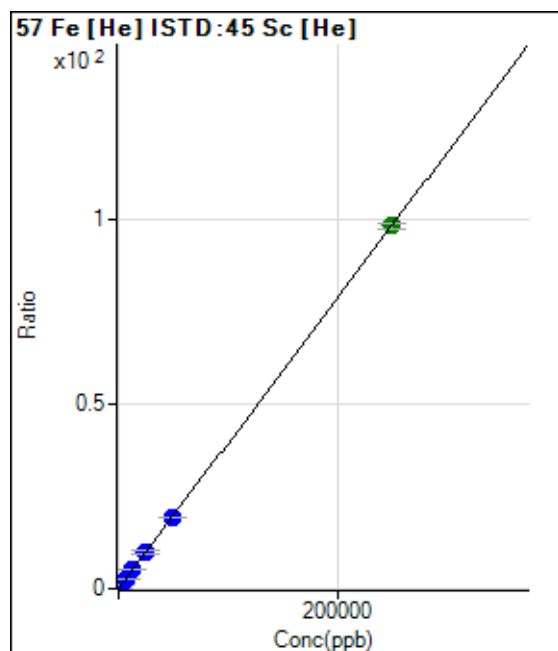
$$R = 1.0000$$

$$DL = 0.9244$$

$$BEC = 4.418$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.30	0.0020	P	41.4
2	☐	5.000					
3	☐	50.000	59.463	1181.57	0.0254	P	6.4
4	☐	2500.000	2521.533	46262.32	0.9906	P	2.8
5	☐	6250.000	6400.955	117614.48	2.5114	P	0.7
6	☐	12500.000	13283.816	235307.19	5.2097	P	2.9
7	☐	25000.000	25249.128	467461.35	9.9005	P	7.2
8	☐	50000.000	48993.892	949754.77	19.2091	P	0.4
9	☐	250000.00	250133.12	4697788.12	98.0617	A	1.8

$$y = 3.9203E-004 * x + 0.0020$$

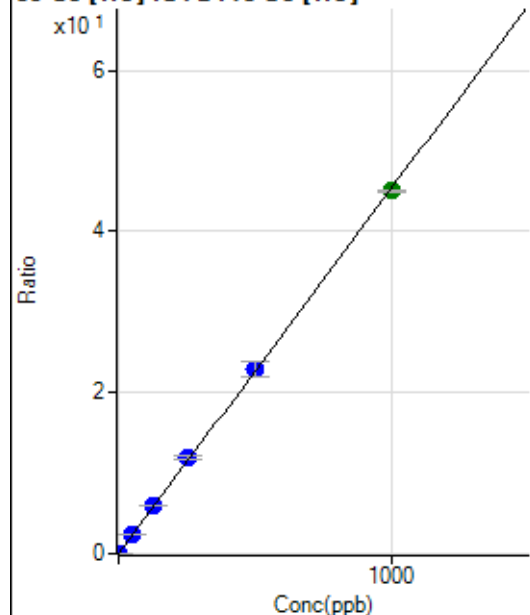
$$R = 1.0000$$

$$DL = 6.466$$

$$BEC = 5.204$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.01	0.0049	P	13.3
2	☐	0.100					
3	☐	1.000	0.957	2251.34	0.0483	P	2.5
4	☐	50.000	51.266	108840.81	2.3304	P	2.7
5	☐	125.000	129.091	274470.27	5.8608	P	0.4
6	☐	250.000	264.807	542733.58	12.0173	P	3.4
7	☐	500.000	505.974	1083686.80	22.9574	P	7.7
8	☐	1000.000	992.737	2226828.02	45.0385	A	0.7
9	☐			25085.01	0.5235	P	0.6

$$y = 0.0454 * x + 0.0049$$

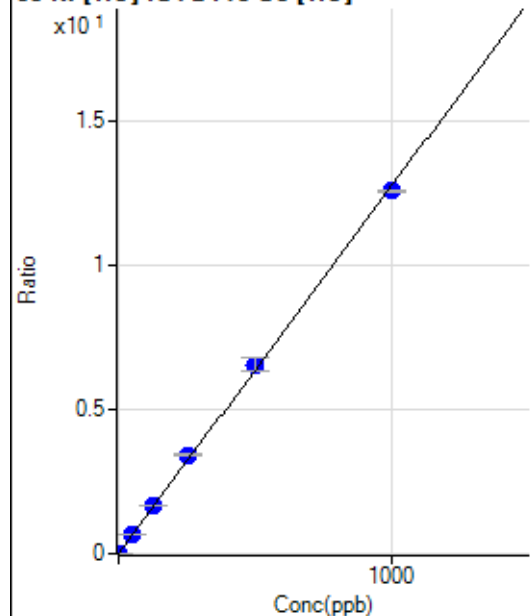
$$R = 0.9998$$

$$DL = 0.04258$$

$$BEC = 0.1071$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.34	0.0024	P	12.9
2	☐	0.100					
3	☐	1.000	0.985	697.81	0.0150	P	6.0
4	☐	50.000	52.868	31619.39	0.6772	P	4.7
5	☐	125.000	131.706	78837.46	1.6834	P	0.2
6	☐	250.000	269.292	155327.92	3.4395	P	3.7
7	☐	500.000	514.181	309972.29	6.5652	P	7.3
8	☐	1000.000	987.105	623051.99	12.6014	P	0.3
9	☐			7643.31	0.1595	P	2.5

$$y = 0.0128 * x + 0.0024$$

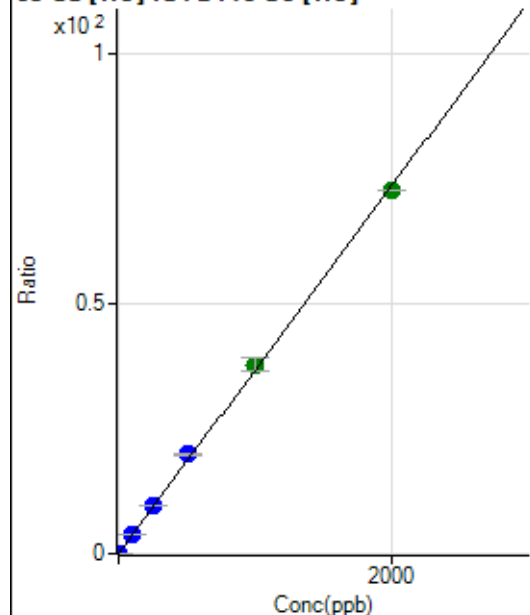
$$R = 0.9996$$

$$DL = 0.07283$$

$$BEC = 0.1877$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	480.02	0.0101	P	11.7
2	☐	0.200					
3	☐	2.000	2.038	3970.64	0.0851	P	2.7
4	☐	100.000	103.841	178872.03	3.8300	P	2.8
5	☐	250.000	261.021	450136.64	9.6118	P	0.1
6	☐	500.000	539.437	896706.00	19.8534	P	3.1
7	☐	1000.000	1028.946	1788042.84	37.8600	A	6.7
8	☐	2000.000	1974.098	3590940.43	72.6275	A	0.1
9	☐			4916.52	0.1027	P	6.9

$$y = 0.0368 * x + 0.0101$$

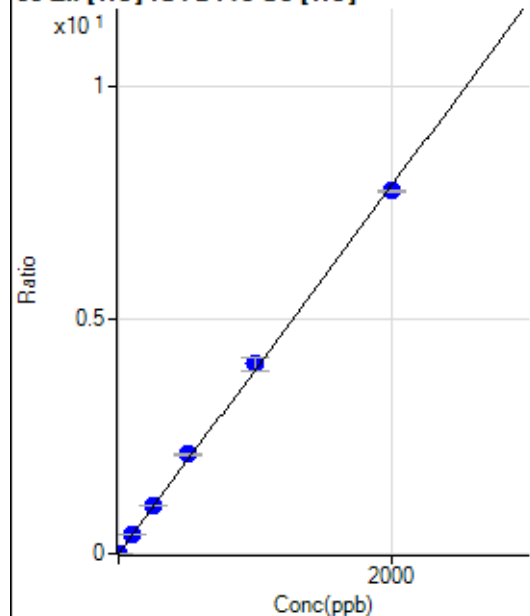
$$R = 0.9996$$

$$DL = 0.09651$$

$$BEC = 0.2758$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0013	P	19.9
2	☐	0.200					
3	☐	2.000	1.932	413.35	0.0089	P	5.7
4	☐	100.000	103.622	19067.81	0.4083	P	2.9
5	☐	250.000	263.140	48461.16	1.0348	P	0.4
6	☐	500.000	540.428	95933.20	2.1239	P	2.9
7	☐	1000.000	1030.201	191085.97	4.0476	P	7.5
8	☐	2000.000	1972.969	383211.84	7.7506	P	0.5
9	☐			2486.93	0.0519	P	3.6

$$y = 0.0039 * x + 0.0013$$

$$R = 0.9996$$

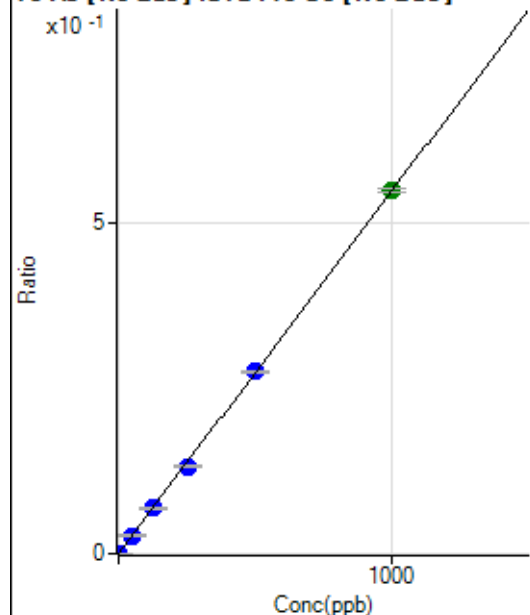
$$DL = 0.193$$

$$BEC = 0.3227$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	985.84	0.0003	P	5.2
2	☐	0.100					
3	☐	1.000	1.024	3120.08	0.0008	P	9.2
4	☐	50.000	49.788	103341.04	0.0276	P	1.3
5	☐	125.000	125.927	258228.55	0.0693	P	5.5
6	☐	250.000	240.620	515359.03	0.1322	P	1.0
7	☐	500.000	501.478	1042148.83	0.2752	P	1.0
8	☐	1000.000	1001.501	2099557.46	0.5494	A	1.1
9	☐			3806.04	0.0010	P	6.5

$$y = 5.4832E-004 * x + 2.5492E-004$$

$$R = 0.9999$$

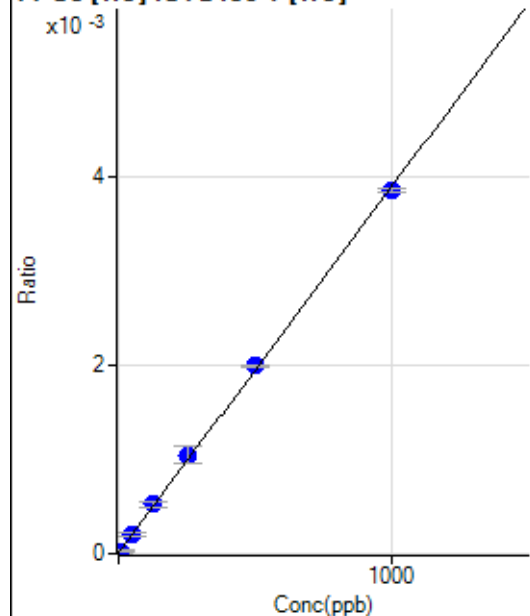
$$DL = 0.07228$$

$$BEC = 0.4649$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	3.995	6.67	0.0000	P	86.6
4	☐	50.000	50.235	58.89	0.0002	P	26.5
5	☐	125.000	132.812	153.34	0.0005	P	11.1
6	☐	250.000	267.154	293.34	0.0010	P	18.1
7	☐	500.000	511.264	577.80	0.0020	P	0.6
8	☐	1000.000	989.096	1168.97	0.0038	P	1.0
9	☐			4.44	0.0000	P	43.7

$$y = 3.8821E-006 * x + 7.5020E-006$$

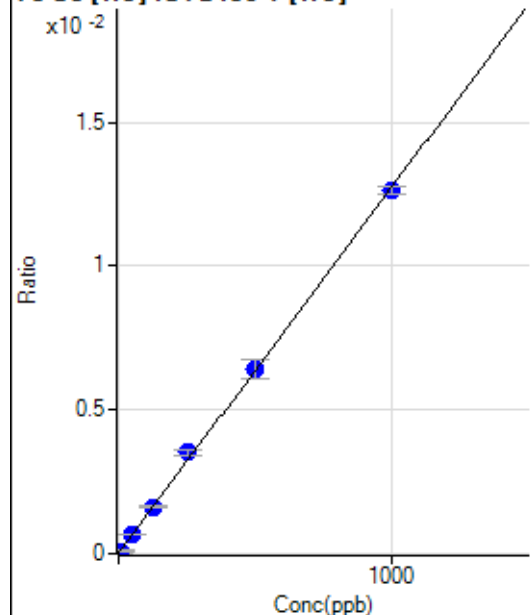
$$R = 0.9997$$

$$DL = 5.022$$

$$BEC = 1.932$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.32	0.0000	P	25.1
2	☐	0.500					
3	☐	5.000	6.036	26.55	0.0001	P	35.4
4	☐	50.000	50.516	191.36	0.0007	P	6.0
5	☐	125.000	127.089	477.79	0.0016	P	1.1
6	☐	250.000	275.721	990.17	0.0035	P	4.4
7	☐	500.000	505.141	1855.08	0.0064	P	10.4
8	☐	1000.000	990.707	3831.43	0.0126	P	2.2
9	☐			4.32	0.0000	P	24.6

$$y = 1.2712\text{E-}005 * x + 1.4623\text{E-}005$$

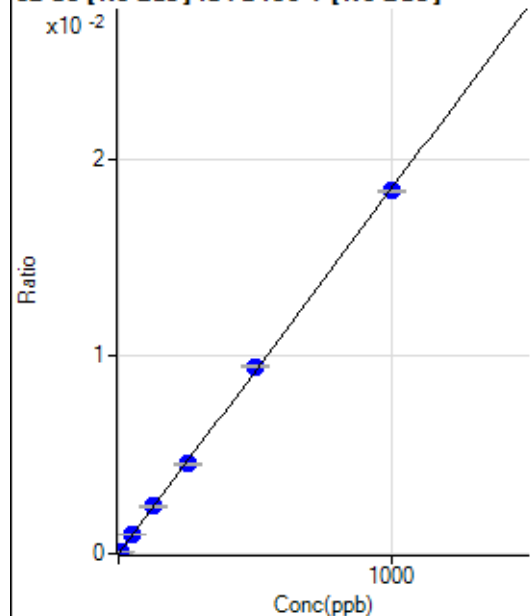
$$R = 0.9996$$

$$DL = 0.8672$$

$$BEC = 1.15$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-6.22	0.0000	P	-1160.
2	☐	0.500					
3	☐	5.000	5.044	509.96	0.0001	P	6.4
4	☐	50.000	51.387	5174.56	0.0009	P	2.6
5	☐	125.000	129.853	12990.79	0.0024	P	6.0
6	☐	250.000	246.465	25858.00	0.0046	P	2.7
7	☐	500.000	512.783	52383.25	0.0095	P	1.4
8	☐	1000.000	993.816	103777.54	0.0184	P	0.8
9	☐			35.55	0.0000	P	126.7

$$y = 1.8504\text{E-}005 * x - 1.0892\text{E-}006$$

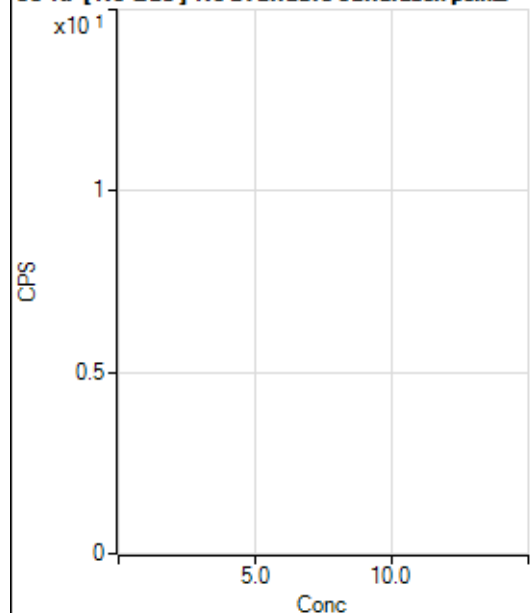
$$R = 0.9999$$

$$DL = 2.049$$

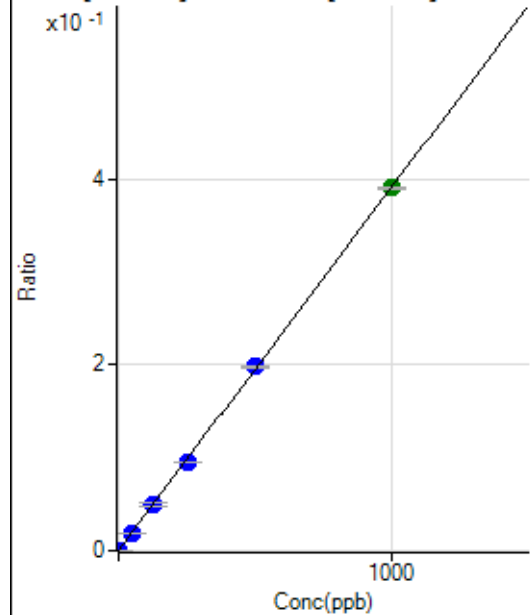
$$BEC = -0.05887$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			914.49		P	3.4
2	☐						
3	☐			963.38		P	3.4
4	☐			947.83		P	4.5
5	☐			913.38		P	4.8
6	☐			928.94		P	7.8
7	☐			891.16		P	6.0
8	☐			988.94		P	2.2
9	☐			964.49		P	4.8

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1408.47	0.0003	P	8.2
2	☐	0.100					
3	☐	1.000	0.798	3114.38	0.0006	P	4.3
4	☐	50.000	49.304	106463.79	0.0195	P	1.4
5	☐	125.000	126.411	268906.35	0.0497	P	5.4
6	☐	250.000	242.265	539086.31	0.0950	P	1.1
7	☐	500.000	506.119	1094803.51	0.1983	P	0.5
8	☐	1000.000	998.733	2206910.12	0.3910	A	0.4
9	☐			8842.18	0.0016	P	3.1

$$y = 3.9125E-004 * x + 2.5126E-004$$

$$R = 0.9999$$

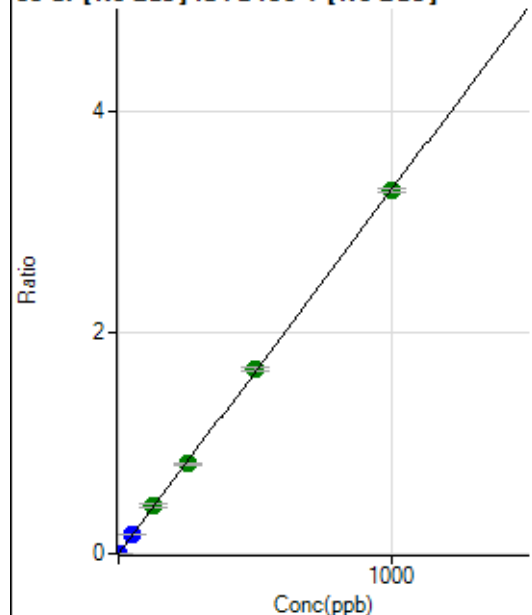
$$DL = 0.1582$$

$$BEC = 0.6422$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	505.59	0.0001	P	20.4
2	☐	0.100					
3	☐	1.000	0.773	14580.58	0.0026	P	2.5
4	☐	50.000	50.477	906777.22	0.1664	P	0.4
5	☐	125.000	130.369	2323371.99	0.4297	A	6.9
6	☐	250.000	246.227	4603434.95	0.8115	A	1.0
7	☐	500.000	506.642	9219691.87	1.6697	A	1.3
8	☐	1000.000	996.928	18542222.64	3.2855	A	0.9
9	☐			67752.39	0.0119	P	2.2

$$y = 0.0033 * x + 9.0162E-005$$

$$R = 0.9999$$

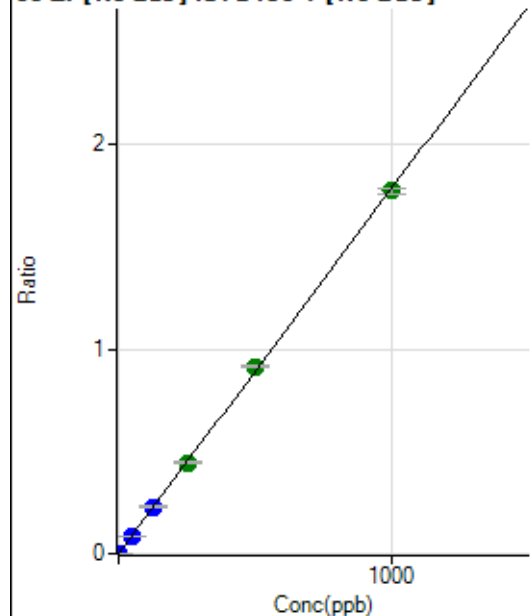
$$DL = 0.01678$$

$$BEC = 0.02736$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	461.14	0.0001	P	11.8
2	☐	0.100					
3	☐	1.000	0.856	8900.55	0.0016	P	4.3
4	☐	50.000	49.579	482920.23	0.0886	P	0.3
5	☐	125.000	128.097	1238003.06	0.2289	P	5.8
6	☐	250.000	248.836	2521553.01	0.4446	A	1.7
7	☐	500.000	512.364	5053724.38	0.9153	A	0.9
8	☐	1000.000	993.743	10017737.81	1.7751	A	1.3
9	☐			2255.85	0.0004	P	5.0

$$y = 0.0018 * x + 8.2265E-005$$

$$R = 0.9999$$

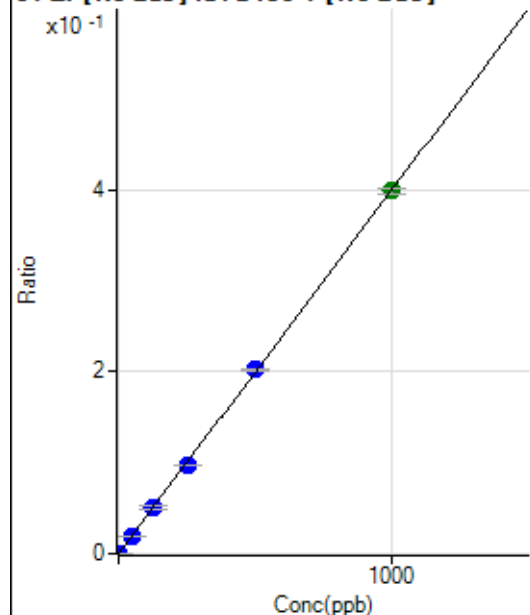
$$DL = 0.01628$$

$$BEC = 0.04606$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.8
2	☐	0.100					
3	☐	1.000	0.822	1905.79	0.0003	P	0.5
4	☐	50.000	48.907	106492.59	0.0195	P	1.2
5	☐	125.000	126.519	273305.64	0.0505	P	6.5
6	☐	250.000	242.891	550275.46	0.0970	P	1.5
7	☐	500.000	505.970	1115757.41	0.2021	P	1.0
8	☐	1000.000	998.657	2250722.68	0.3988	A	1.9
9	☐			555.60	0.0001	P	10.8

$$y = 3.9934\text{E-}004 * x + 1.6360\text{E-}005$$

$$R = 0.9999$$

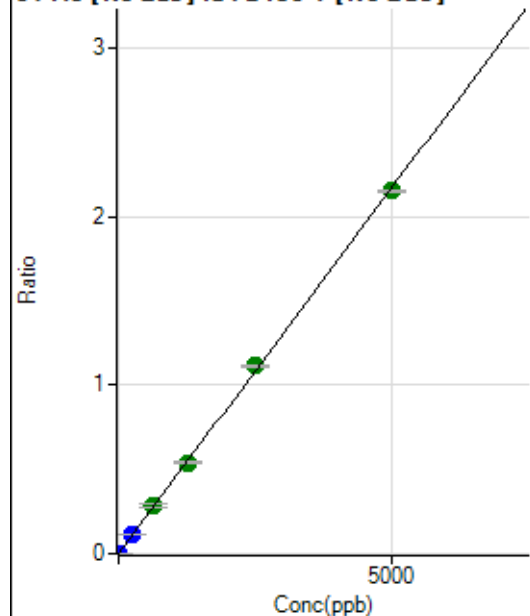
$$DL = 0.03905$$

$$BEC = 0.04097$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	21.0
2	☐	0.500					
3	☐	5.000	4.485	10952.11	0.0020	P	6.1
4	☐	250.000	251.400	594959.33	0.1092	P	0.3
5	☐	625.000	651.173	1529116.42	0.2828	A	6.8
6	☐	1250.000	1244.936	3066529.41	0.5406	A	1.8
7	☐	2500.000	2568.574	6158738.29	1.1154	A	1.4
8	☐	5000.000	4963.638	12165137.08	2.1555	A	0.7
9	☐			4862.22	0.0009	P	2.6

$$y = 4.3425\text{E-}004 * x + 3.4677\text{E-}005$$

$$R = 0.9998$$

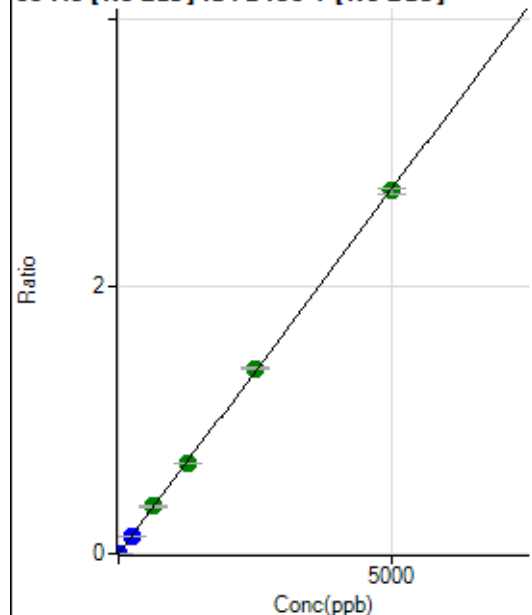
$$DL = 0.05026$$

$$BEC = 0.07986$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	4.592	13943.93	0.0025	P	2.0
4	☐	250.000	248.368	738941.68	0.1356	P	0.8
5	☐	625.000	650.189	1919840.82	0.3550	A	6.6
6	☐	1250.000	1238.367	3835496.61	0.6762	A	1.6
7	☐	2500.000	2541.969	7663877.52	1.3880	A	1.4
8	☐	5000.000	4978.857	15342542.36	2.7187	A	1.4
9	☐			7057.68	0.0012	P	2.1

$$y = 5.4604\text{E-}004 * x + 1.4867\text{E-}005$$

$$R = 0.9999$$

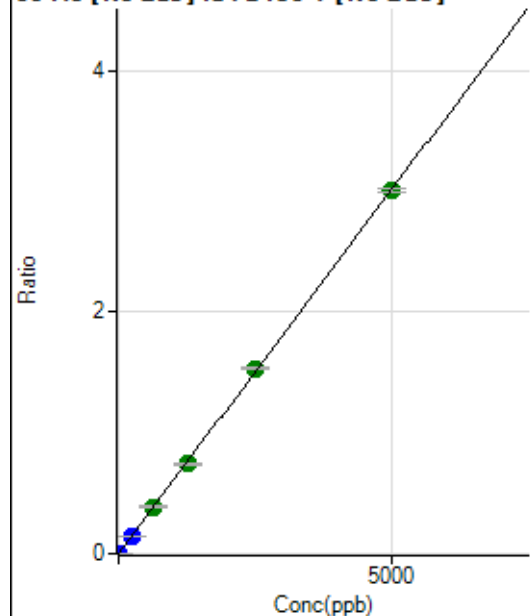
$$DL = 0.01425$$

$$BEC = 0.02723$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	19.0
2	☐	0.500					
3	☐	5.000	4.709	15784.80	0.0029	P	4.1
4	☐	250.000	249.880	820426.54	0.1506	P	0.2
5	☐	625.000	646.381	2106693.51	0.3895	A	5.9
6	☐	1250.000	1229.378	4201883.69	0.7408	A	1.6
7	☐	2500.000	2537.660	8443128.22	1.5291	A	1.1
8	☐	5000.000	4983.659	16947760.80	3.0030	A	1.1
9	☐			9081.22	0.0016	P	4.2

$$y = 6.0257\text{E-}004 * x + 1.8339\text{E-}005$$

$$R = 0.9999$$

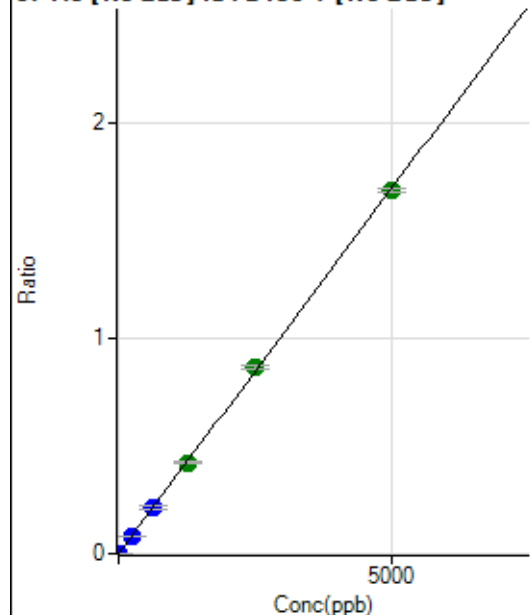
$$DL = 0.01735$$

$$BEC = 0.03043$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	34.1
2	☐	0.500					
3	☐	5.000	4.478	8555.93	0.0015	P	3.7
4	☐	250.000	247.308	457947.95	0.0841	P	0.3
5	☐	625.000	635.371	1167279.00	0.2159	P	7.1
6	☐	1250.000	1249.288	2407965.18	0.4245	A	1.3
7	☐	2500.000	2562.698	4807655.49	0.8708	A	2.2
8	☐	5000.000	4967.668	9526002.64	1.6879	A	1.0
9	☐			4570.44	0.0008	P	4.7

$$y = 3.3977\text{E-}004 * x + 2.6772\text{E-}005$$

$$R = 0.9999$$

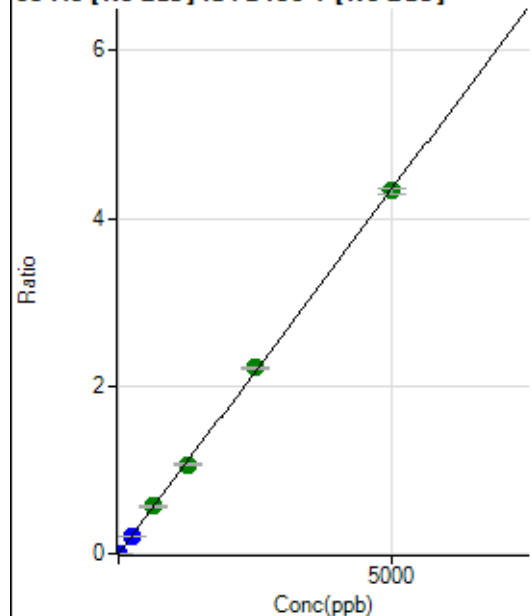
$$DL = 0.08054$$

$$BEC = 0.07879$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	36.3
2	☐	0.500					
3	☐	5.000	4.658	22477.73	0.0041	P	2.2
4	☐	250.000	247.703	1172840.72	0.2153	P	0.3
5	☐	625.000	647.724	3044373.31	0.5629	A	6.0
6	☐	1250.000	1218.685	6006910.42	1.0591	A	1.8
7	☐	2500.000	2549.040	12230880.83	2.2151	A	1.2
8	☐	5000.000	4980.583	24427720.51	4.3281	A	1.3
9	☐			10824.25	0.0019	P	3.6

$$y = 8.6900\text{E-}004 * x + 1.8824\text{E-}005$$

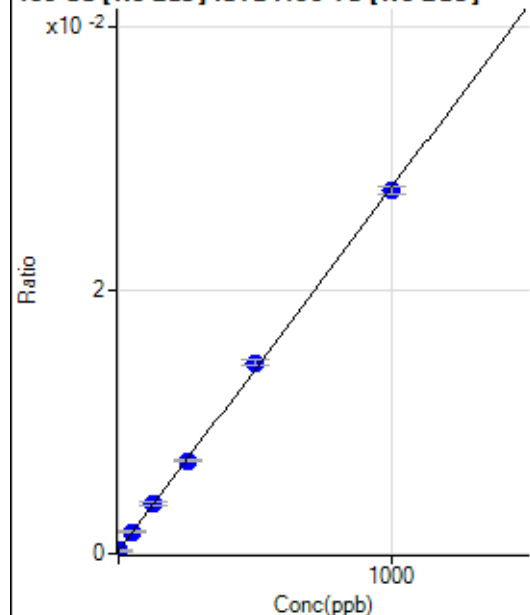
$$R = 0.9999$$

$$DL = 0.02361$$

$$BEC = 0.02166$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1158.44	0.0002	P	15.7
2	☐	0.100					
3	☐	1.000	0.520	1230.67	0.0002	P	12.8
4	☐	50.000	53.112	8869.97	0.0017	P	4.3
5	☐	125.000	131.842	20399.59	0.0039	P	6.7
6	☐	250.000	246.816	39470.05	0.0070	P	1.7
7	☐	500.000	518.275	78799.93	0.0145	P	2.3
8	☐	1000.000	990.648	153057.11	0.0276	P	2.1
9	☐			1202.89	0.0002	P	10.2

$$y = 2.7611\text{E-}005 * x + 2.1355\text{E-}004$$

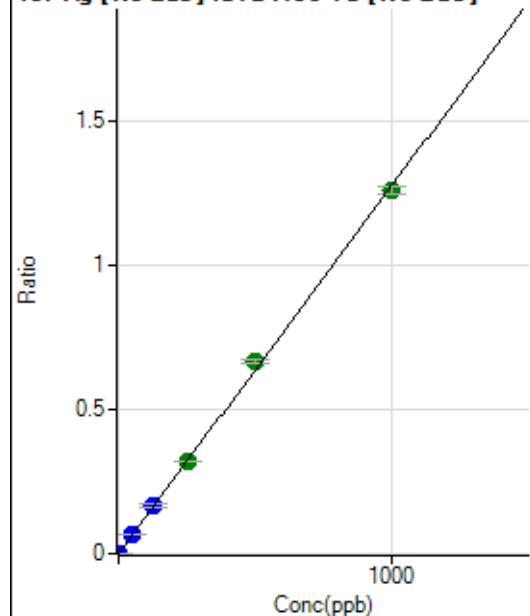
$$R = 0.9997$$

$$DL = 3.642$$

$$BEC = 7.734$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	19.2
2	☐	0.100					
3	☐	1.000	1.047	7427.36	0.0014	P	6.4
4	☐	50.000	51.783	348773.74	0.0661	P	0.3
5	☐	125.000	130.988	884546.15	0.1671	P	5.9
6	☐	250.000	250.841	1796196.81	0.3199	A	1.3
7	☐	500.000	523.694	3623146.35	0.6678	A	2.0
8	☐	1000.000	987.105	6988637.05	1.2586	A	2.0
9	☐			902.85	0.0002	P	1.6

$$y = 0.0013 * x + 4.1489\text{E-}005$$

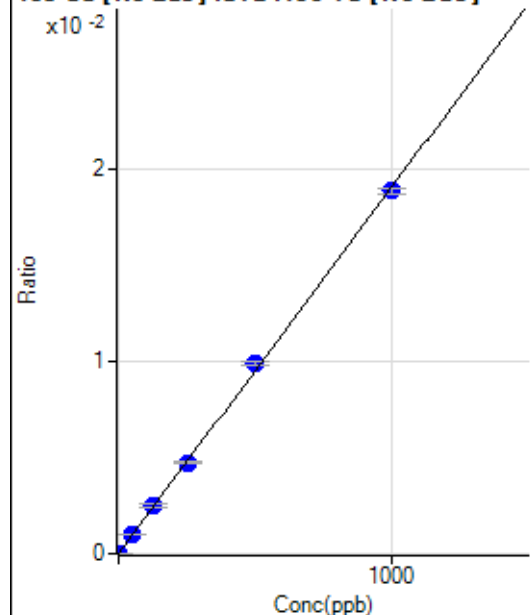
$$R = 0.9996$$

$$DL = 0.01876$$

$$BEC = 0.03254$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	0.811	100.00	0.0000	P	14.3
4	☐	50.000	51.507	5198.34	0.0010	P	3.0
5	☐	125.000	130.975	13231.74	0.0025	P	6.3
6	☐	250.000	248.226	26584.97	0.0047	P	1.5
7	☐	500.000	518.055	53592.48	0.0099	P	1.9
8	☐	1000.000	990.594	104869.29	0.0189	P	1.3
9	☐			23.61	0.0000	P	35.3

$$y = 1.9060\text{E-}005 * x + 3.0713\text{E-}006$$

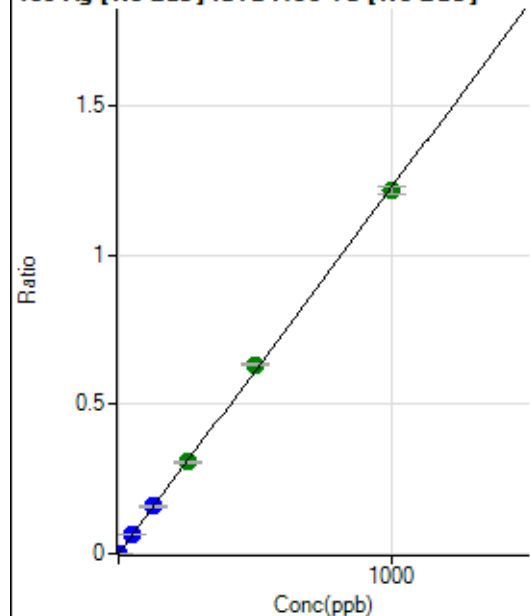
$$R = 0.9997$$

$$DL = 0.1186$$

$$BEC = 0.1611$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	11.5
2	☐	0.100					
3	☐	1.000	1.030	6963.25	0.0013	P	2.9
4	☐	50.000	51.343	332454.96	0.0630	P	0.4
5	☐	125.000	129.055	837774.12	0.1583	P	6.5
6	☐	250.000	250.439	1724330.81	0.3071	A	1.3
7	☐	500.000	516.367	3435532.85	0.6331	A	0.6
8	☐	1000.000	991.133	6747020.20	1.2152	A	2.2
9	☐			780.61	0.0001	P	2.0

$$y = 0.0012 * x + 2.7670\text{E-}005$$

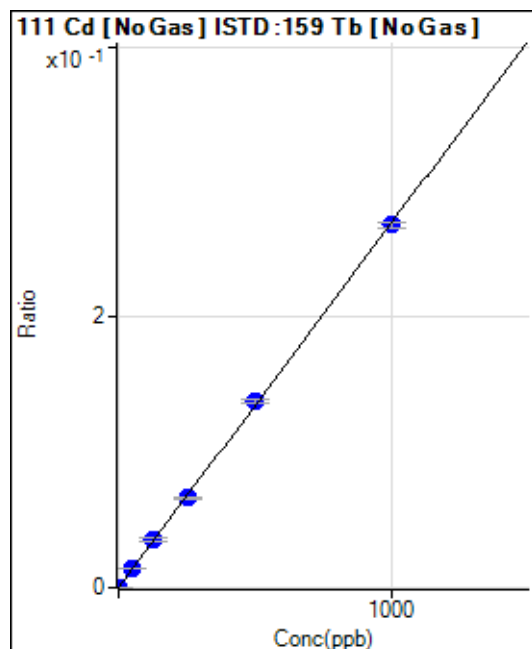
$$R = 0.9998$$

$$DL = 0.007778$$

$$BEC = 0.02257$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	829.80	0.0002	P	14.6
2	☐	0.100					
3	☐	1.000	0.916	2158.23	0.0004	P	4.9
4	☐	50.000	51.787	74515.40	0.0141	P	0.8
5	☐	125.000	130.765	187443.02	0.0354	P	6.4
6	☐	250.000	245.176	372037.72	0.0663	P	0.8
7	☐	500.000	511.518	749098.36	0.1381	P	1.5
8	☐	1000.000	994.637	1489805.74	0.2683	P	1.7
9	☐			900.50	0.0002	P	10.1

$$y = 2.6960\text{E-}004 * x + 1.5297\text{E-}004$$

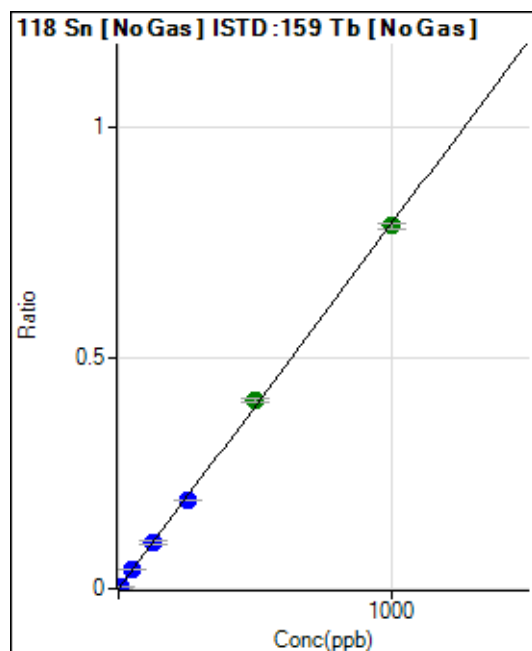
$$R = 0.9999$$

$$DL = 0.2479$$

$$BEC = 0.5674$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	419.47	0.0001	P	3.5
2	☐	0.500					
3	☐	5.000	4.799	20939.44	0.0039	P	2.7
4	☐	50.000	50.338	210970.02	0.0400	P	0.7
5	☐	125.000	127.396	534867.82	0.1010	P	6.0
6	☐	250.000	241.020	1072869.48	0.1911	P	0.9
7	☐	500.000	516.047	2219053.80	0.4090	A	1.8
8	☐	1000.000	993.906	4373466.98	0.7876	A	1.4
9	☐			2514.24	0.0005	P	6.3

$$y = 7.9237\text{E-}004 * x + 7.7335\text{E-}005$$

$$R = 0.9998$$

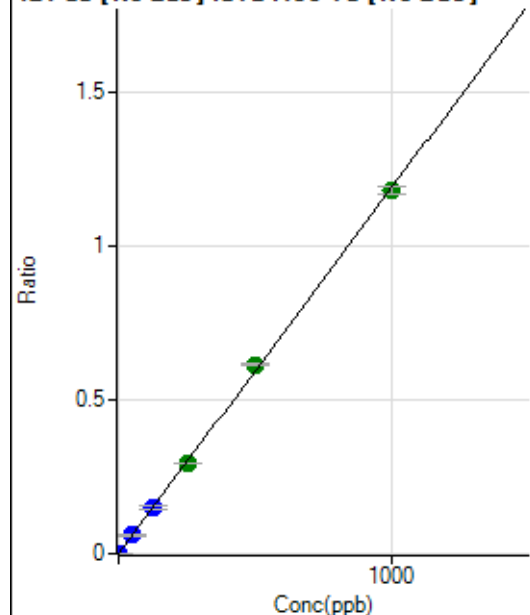
$$DL = 0.0102$$

$$BEC = 0.0976$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	32.2
2	☐	0.200					
3	☐	2.000	1.832	11889.23	0.0022	P	3.8
4	☐	50.000	50.176	315270.00	0.0597	P	1.7
5	☐	125.000	127.121	800827.39	0.1513	P	6.4
6	☐	250.000	247.917	1656556.74	0.2950	A	0.9
7	☐	500.000	516.389	3333942.18	0.6144	A	1.3
8	☐	1000.000	992.053	6553789.17	1.1804	A	2.1
9	☐			7872.09	0.0014	P	1.9

$$y = 0.0012 * x + 2.2568E-005$$

$$R = 0.9998$$

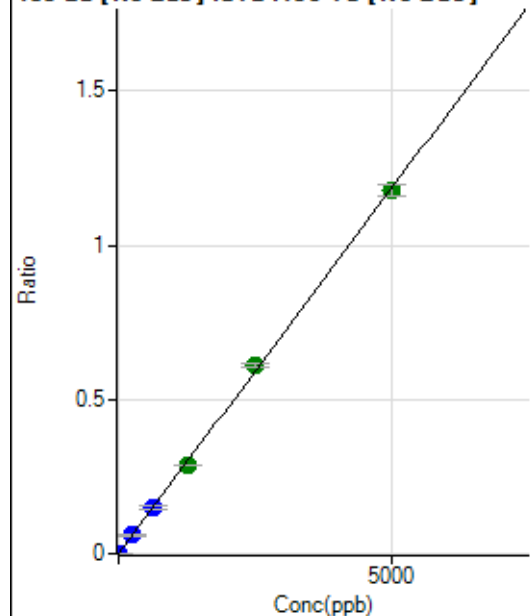
$$DL = 0.0183$$

$$BEC = 0.01897$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	48.0
2	☐	1.000					
3	☐	10.000	9.706	12456.43	0.0023	P	7.0
4	☐	250.000	250.272	312831.78	0.0593	P	0.3
5	☐	625.000	639.383	801286.81	0.1514	P	6.7
6	☐	1250.000	1217.596	1618718.80	0.2883	A	1.0
7	☐	2500.000	2578.534	3312282.67	0.6104	A	1.5
8	☐	5000.000	4967.023	6528016.98	1.1759	A	3.1
9	☐			647.27	0.0001	P	15.1

$$y = 2.3674E-004 * x + 1.0239E-005$$

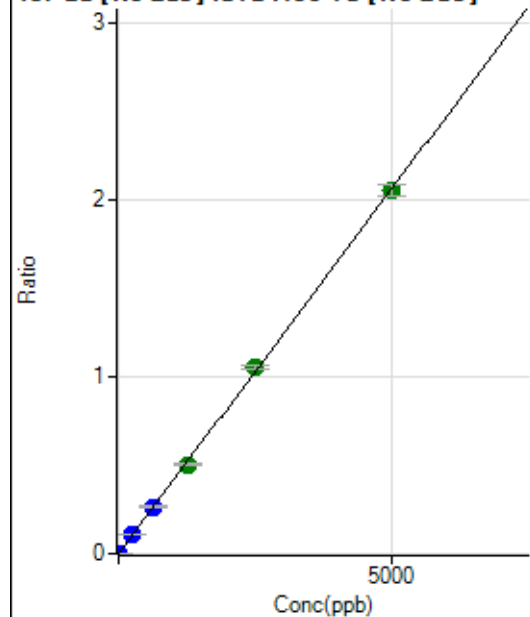
$$R = 0.9998$$

$$DL = 0.06234$$

$$BEC = 0.04325$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0000	P	20.3
2	☐	1.000					
3	☐	10.000	9.678	21643.57	0.0040	P	0.6
4	☐	250.000	250.962	545687.13	0.1034	P	0.3
5	☐	625.000	641.480	1398694.23	0.2642	P	6.0
6	☐	1250.000	1224.337	2831261.00	0.5042	A	0.9
7	☐	2500.000	2555.330	5709377.51	1.0523	A	2.1
8	☐	5000.000	4976.644	11377150.60	2.0493	A	3.0
9	☐			1050.09	0.0002	P	10.6

$$y = 4.1179\text{E-}004 * x + 2.5118\text{E-}005$$

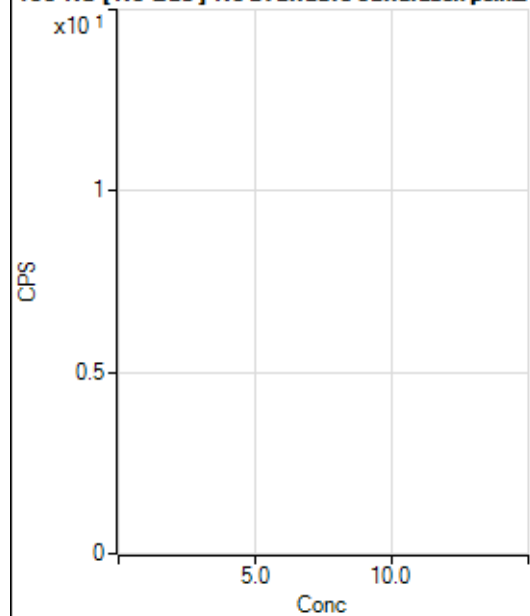
$$R = 0.9999$$

$$DL = 0.0371$$

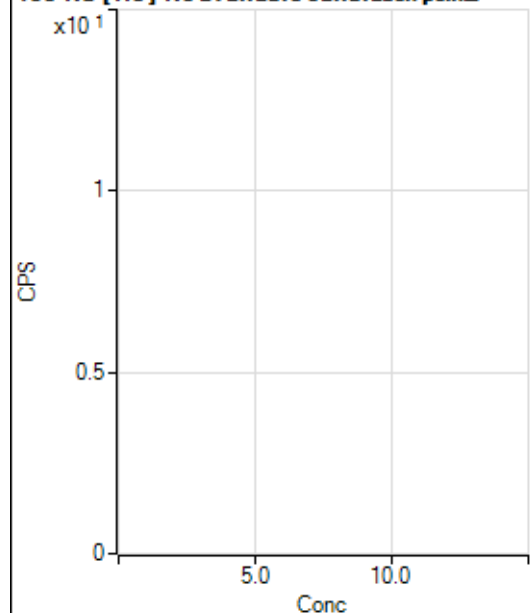
$$BEC = 0.061$$

Weight: <None>

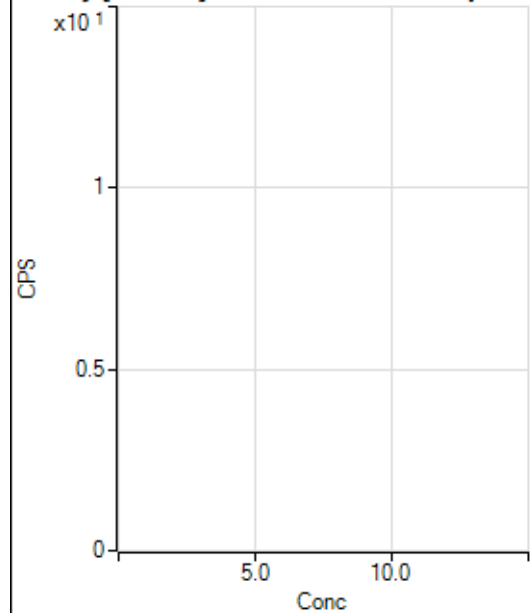
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

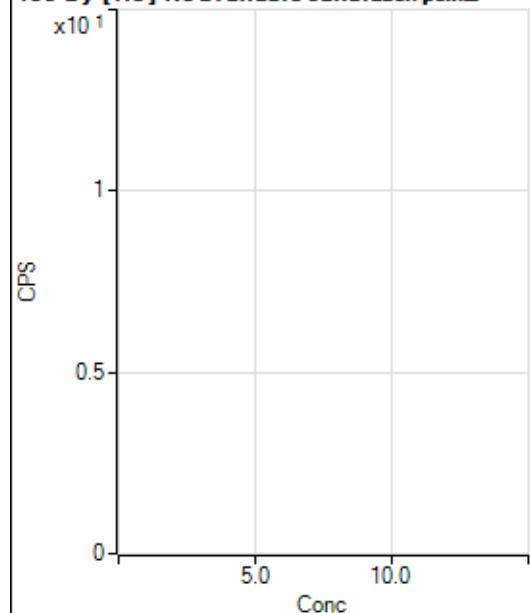
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			11.11		P	124.9
2	☐						
3	☐			15.56		P	65.5
4	☐			22.22		P	45.8
5	☐			28.89		P	26.6
6	☐			97.78		P	27.6
7	☐			117.78		P	29.0
8	☐			233.34		P	10.3
9	☐			126.67		P	13.9

150 Nd [He] No available calibration points

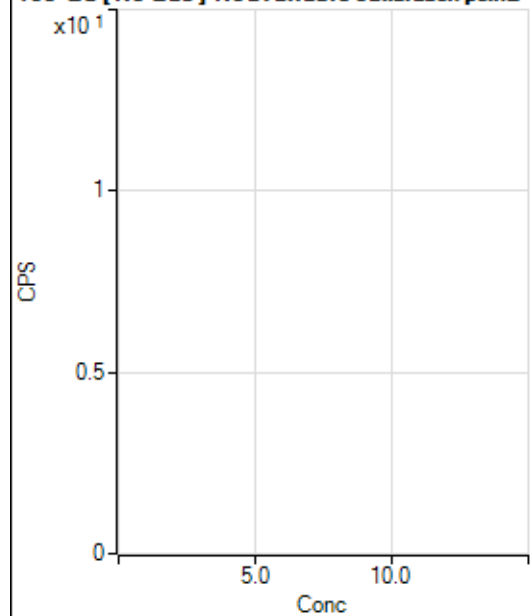
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			1.11		P	173.2
6	☐			3.33		P	173.2
7	☐			3.33		P	100.1
8	☐			12.22		P	15.7
9	☐			15.56		P	32.7

156 Dy [No Gas] No available calibration points

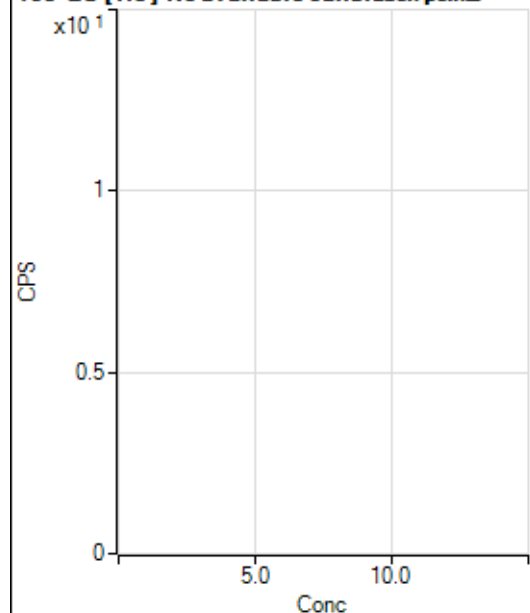
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			22.22		P	57.3
4	☐			22.22		P	78.1
5	☐			27.78		P	45.8
6	☐			41.67		P	34.7
7	☐			41.67		P	40.0
8	☐			63.89		P	52.7
9	☐			69.45		P	27.7

156 Dy [He] No available calibration points

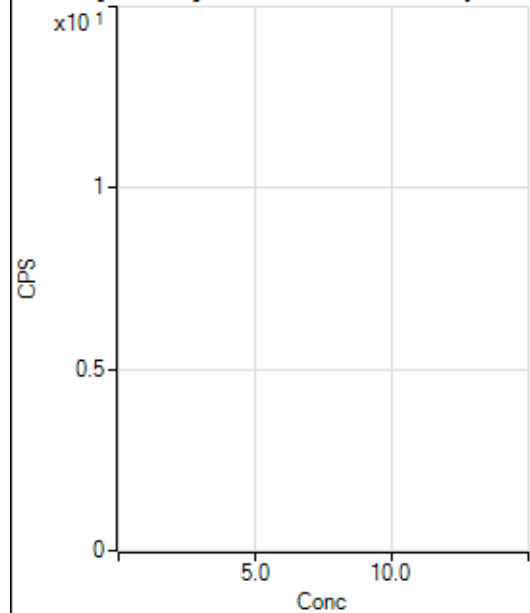
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			0.00		P	
5	☐			3.33		P	0.0
6	☐			3.33		P	100.1
7	☐			3.33		P	100.1
8	☐			12.22		P	41.7
9	☐			23.33		P	51.5

160 Gd [No Gas] Noavailable calibration poin_

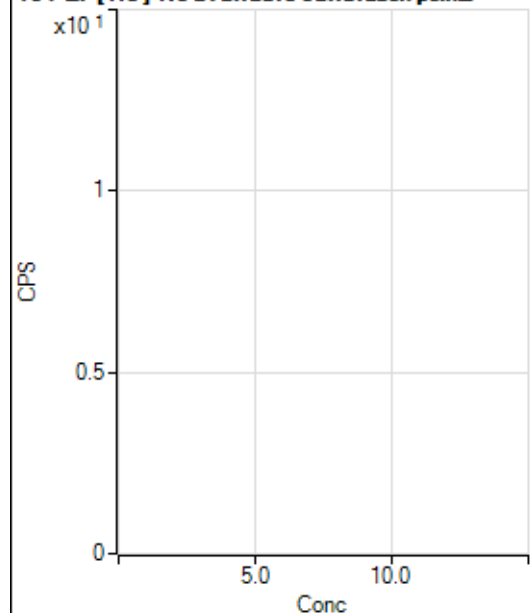
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			33.34		P	43.3
4	☐			36.11		P	35.3
5	☐			25.00		P	33.3
6	☐			41.67		P	100.0
7	☐			41.67		P	34.6
8	☐			36.11		P	35.3
9	☐			66.67		P	12.5

160 Gd [He] No available calibration points

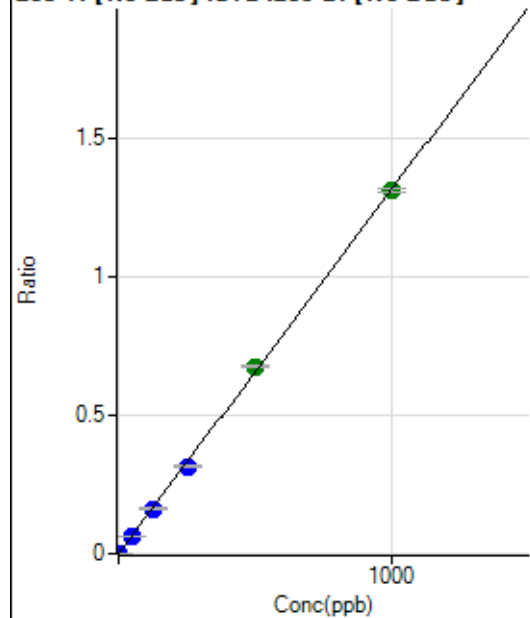
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐						
3	☐			4.44		P	43.4
4	☐			6.66		P	86.6
5	☐			12.22		P	41.7
6	☐			8.89		P	57.3
7	☐			18.89		P	27.0
8	☐			6.66		P	86.6
9	☐			22.22		P	60.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			22.22		P	21.6
4	☐			38.89		P	65.5
5	☐			44.45		P	57.3
6	☐			36.11		P	35.3
7	☐			36.11		P	48.0
8	☐			25.00		P	33.3
9	☐			55.56		P	22.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			1.11		P	173.2
4	☐			6.67		P	50.0
5	☐			3.33		P	100.1
6	☐			7.78		P	24.7
7	☐			5.55		P	124.9
8	☐			10.00		P	66.7
9	☐			7.78		P	89.2

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	15.1
2	☐	0.100					
3	☐	1.000	0.940	3897.99	0.0013	P	3.3
4	☐	50.000	48.415	189992.24	0.0638	P	0.4
5	☐	125.000	123.883	488791.26	0.1631	P	5.5
6	☐	250.000	238.545	998377.90	0.3140	P	2.2
7	☐	500.000	513.190	2060080.25	0.6754	A	1.1
8	☐	1000.000	996.488	4075003.39	1.3115	A	1.2
9	☐			372.25	0.0001	P	22.8

$$y = 0.0013 * x + 3.8875E-005$$

$$R = 0.9998$$

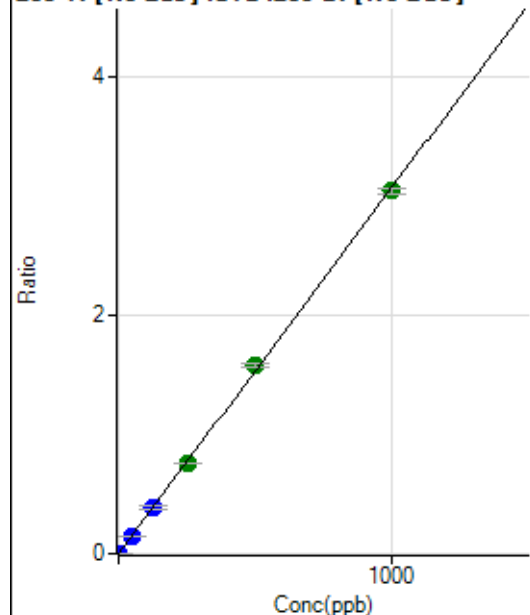
$$DL = 0.01337$$

$$BEC = 0.02954$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.862	8308.69	0.0027	P	5.6
4	☐	50.000	49.578	453852.20	0.1523	P	0.4
5	☐	125.000	127.289	1171449.48	0.3909	P	6.1
6	☐	250.000	246.870	2410727.03	0.7581	A	1.6
7	☐	500.000	516.929	4841066.99	1.5873	A	2.0
8	☐	1000.000	992.053	9464907.07	3.0462	A	1.4
9	☐			763.95	0.0003	P	7.9

$$y = 0.0031 * x + 7.4040E-005$$

$$R = 0.9998$$

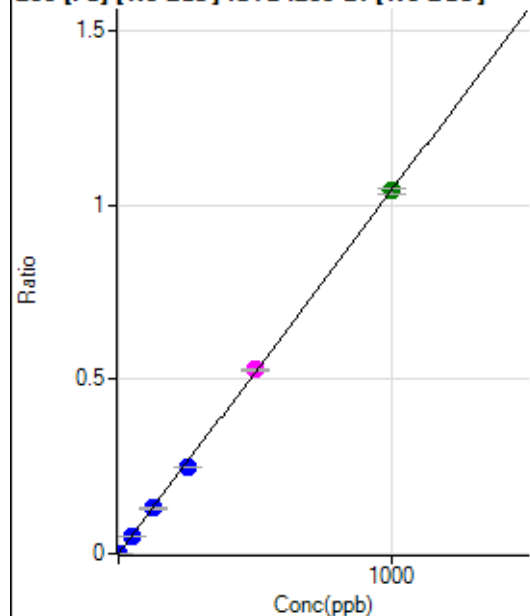
$$DL = 0.01184$$

$$BEC = 0.02411$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	409.28	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.876	3187.53	0.0010	P	3.6
4	☐	50.000	49.671	154363.84	0.0518	P	0.3
5	☐	125.000	125.094	390317.39	0.1303	P	6.3
6	☐	250.000	238.449	789135.35	0.2482	P	1.8
7	☐	500.000	506.995	1608885.65	0.5275	M	1.4
8	☐	1000.000	999.395	3230357.31	1.0397	A	1.8
9	☐			4975.20	0.0017	P	2.1

$$y = 0.0010 * x + 1.3307E-004$$

$$R = 0.9999$$

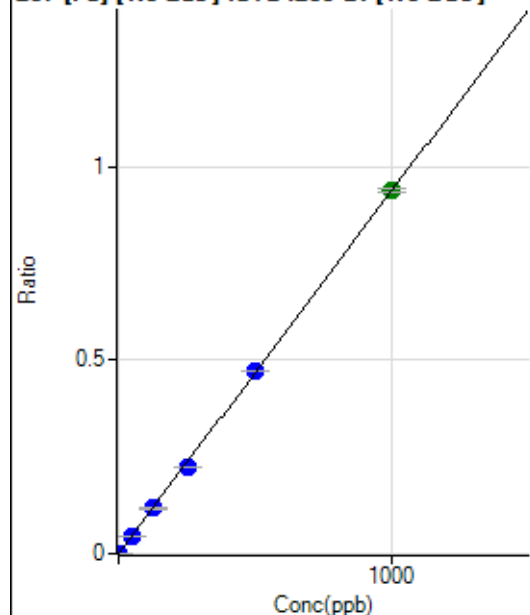
$$DL = 0.03747$$

$$BEC = 0.1279$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.91	0.0001	P	13.7
2	☐	0.100					
3	☐	1.000	0.849	2763.36	0.0009	P	7.1
4	☐	50.000	49.346	137975.75	0.0463	P	0.6
5	☐	125.000	125.690	352969.08	0.1178	P	5.6
6	☐	250.000	239.259	712578.19	0.2241	P	1.4
7	☐	500.000	503.763	1438632.74	0.4717	P	0.7
8	☐	1000.000	1000.750	2911106.87	0.9369	A	1.0
9	☐			4208.22	0.0014	P	7.8

$$y = 9.3608E-004 * x + 1.1020E-004$$

$$R = 0.9999$$

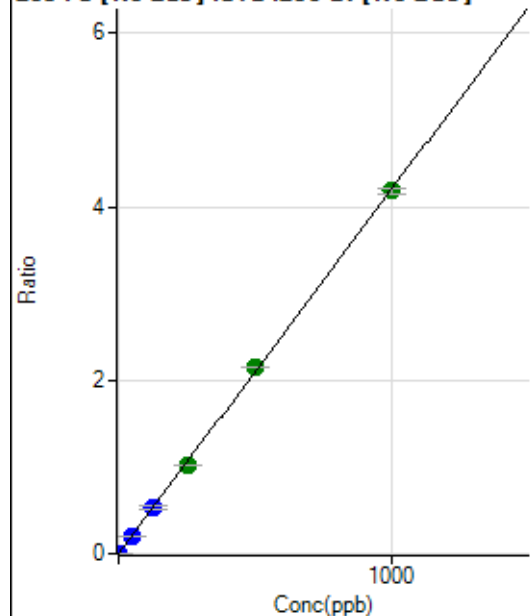
$$DL = 0.04829$$

$$BEC = 0.1177$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1576.02	0.0005	P	11.7
2	☐	0.100					
3	☐	1.000	0.886	12932.63	0.0042	P	2.3
4	☐	50.000	49.612	622628.07	0.2089	P	0.5
5	☐	125.000	126.025	1588314.96	0.5300	P	5.8
6	☐	250.000	241.924	3233666.84	1.0169	A	1.5
7	☐	500.000	511.952	6561615.47	2.1513	A	0.7
8	☐	1000.000	995.934	13002053.39	4.1846	A	1.3
9	☐			19228.39	0.0066	P	1.6

$$y = 0.0042 * x + 5.1234E-004$$

$$R = 0.9999$$

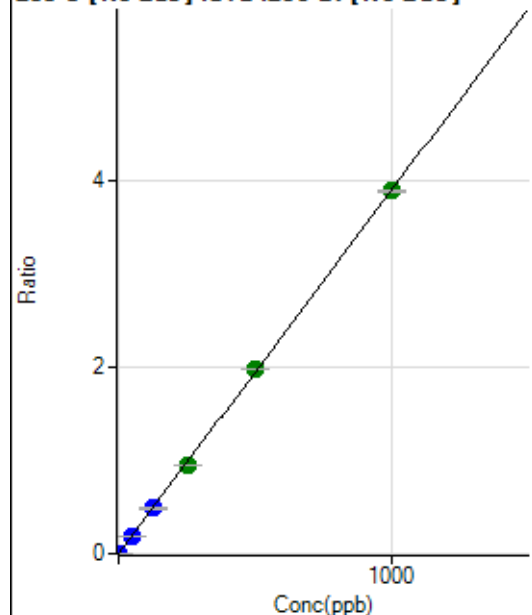
$$DL = 0.04286$$

$$BEC = 0.122$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0001	P	25.1
2	☐	0.100					
3	☐	1.000	0.888	10880.28	0.0036	P	0.6
4	☐	50.000	48.351	562122.27	0.1886	P	0.4
5	☐	125.000	125.213	1463486.32	0.4883	P	6.0
6	☐	250.000	242.698	3009795.29	0.9464	A	1.3
7	☐	500.000	507.123	6031691.72	1.9775	A	0.5
8	☐	1000.000	998.320	12096225.01	3.8928	A	0.5
9	☐			302.80	0.0001	P	22.2

$$y = 0.0039 * x + 1.0034E-004$$

$$R = 0.9999$$

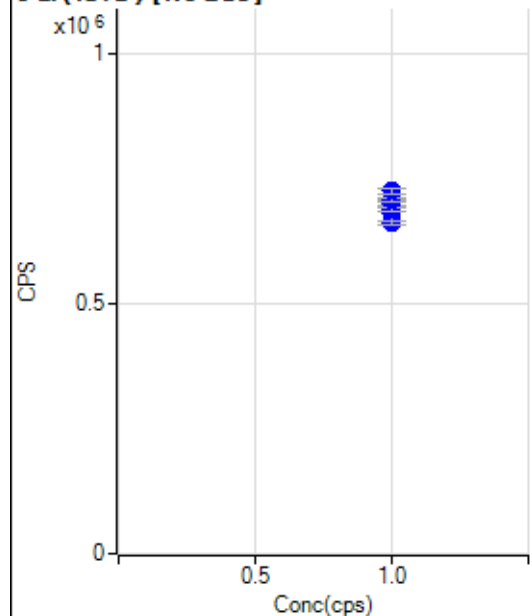
$$DL = 0.01939$$

$$BEC = 0.02573$$

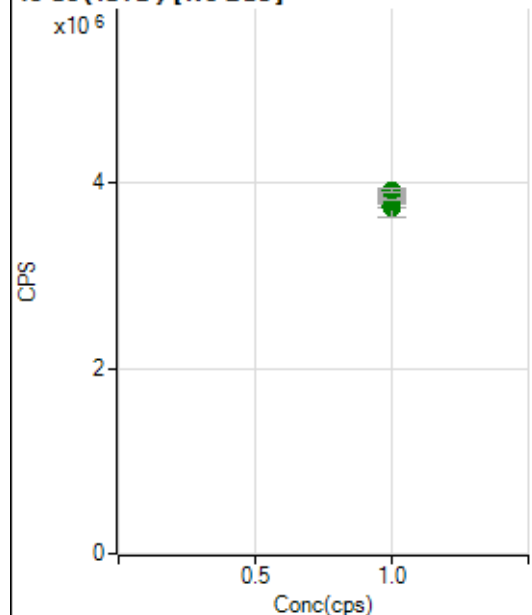
Weight: <None>

Min Conc: 0

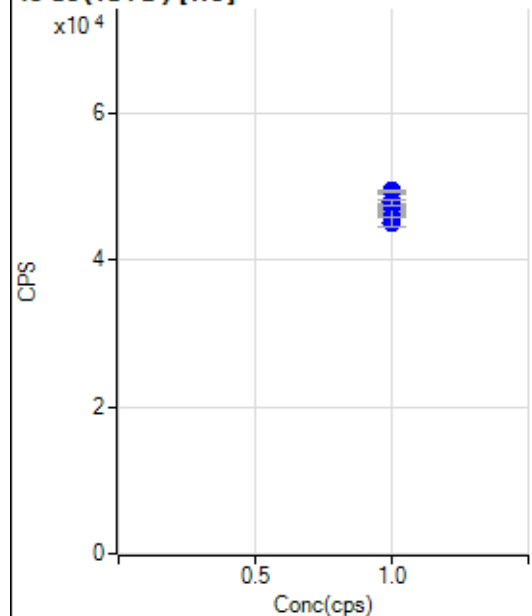
6 Li (ISTD) [No Gas]



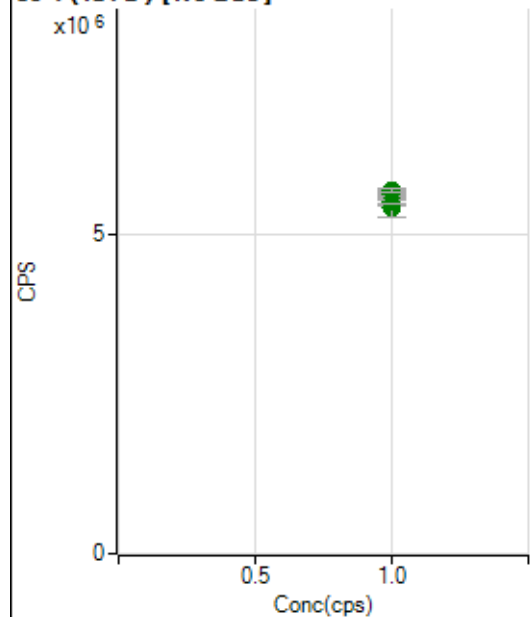
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		700706.29		P	1.5
2	☐	1.000					
3	☐	1.000		688522.69		P	1.1
4	☐	1.000		662062.75		P	1.3
5	☐	1.000		678084.36		P	4.1
6	☐	1.000		708737.12		P	0.2
7	☐	1.000		687557.57		P	0.6
8	☐	1.000		705743.97		P	1.1
9	☐	1.000		724718.95		P	1.5

45 Sc (ISTD) [No Gas]

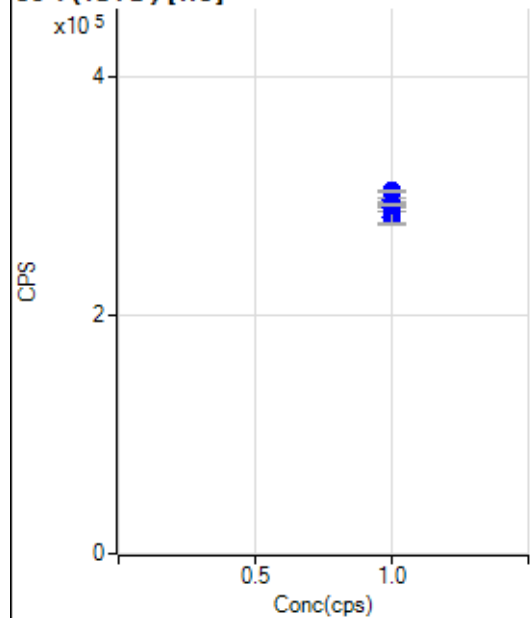
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3866961.76		A	0.4
2	☐	1.000					
3	☐	1.000		3823498.18		A	0.7
4	☐	1.000		3750616.27		A	0.8
5	☐	1.000		3733775.65		A	5.7
6	☐	1.000		3898795.10		A	1.0
7	☐	1.000		3786670.14		A	0.8
8	☐	1.000		3821679.81		A	0.7
9	☐	1.000		3911621.88		A	1.1

45 Sc (ISTD) [He]

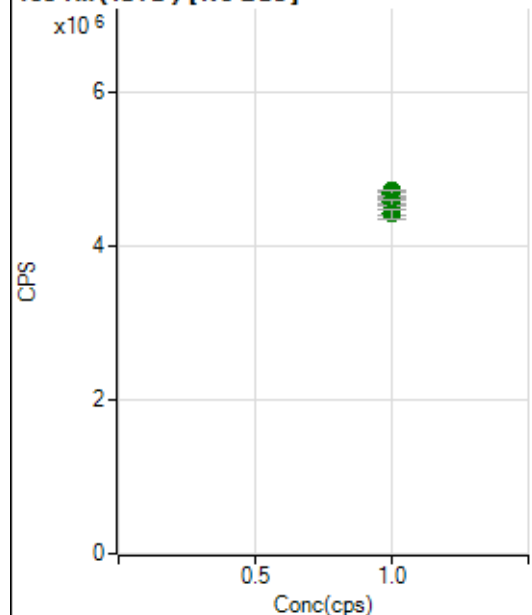
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		47371.91		P	1.5
2	☐	1.000					
3	☐	1.000		46647.34		P	2.1
4	☐	1.000		46719.88		P	1.9
5	☐	1.000		46831.39		P	0.4
6	☐	1.000		45195.90		P	3.2
7	☐	1.000		47369.62		P	6.8
8	☐	1.000		49443.42		P	0.4
9	☐	1.000		47913.76		P	1.5

89 Y (ISTD) [No Gas]

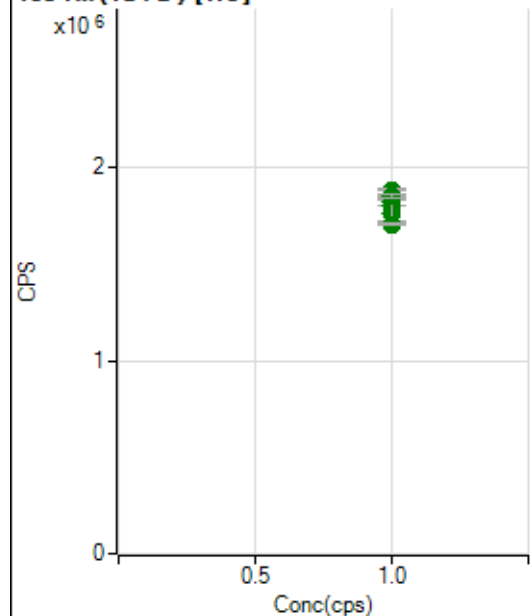
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5606349.84		A	0.2
2	☐	1.000					
3	☐	1.000		5528413.32		A	1.4
4	☐	1.000		5448153.18		A	0.2
5	☐	1.000		5419901.48		A	5.3
6	☐	1.000		5673111.03		A	1.7
7	☐	1.000		5521902.49		A	0.9
8	☐	1.000		5644230.96		A	1.6
9	☐	1.000		5688364.01		A	1.2

89 Y (ISTD) [He]

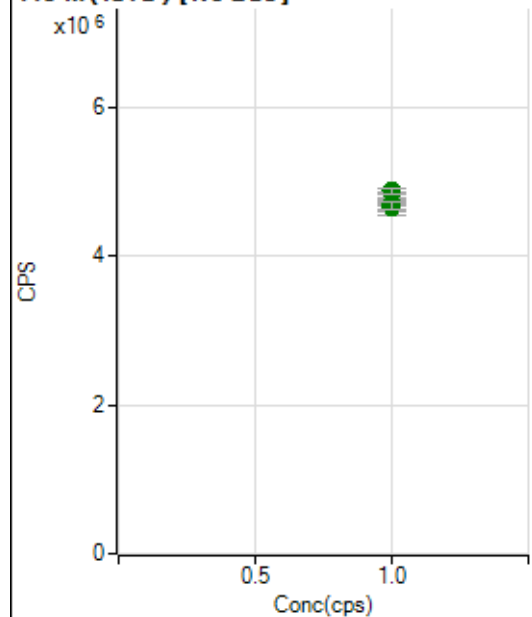
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		295552.65		P	1.1
2	☐	1.000					
3	☐	1.000		290970.53		P	0.9
4	☐	1.000		291393.25		P	1.4
5	☐	1.000		293101.03		P	0.7
6	☐	1.000		281226.19		P	3.7
7	☐	1.000		289964.78		P	8.7
8	☐	1.000		303852.75		P	0.5
9	☐	1.000		292301.30		P	0.3

103 Rh (ISTD) [No Gas]

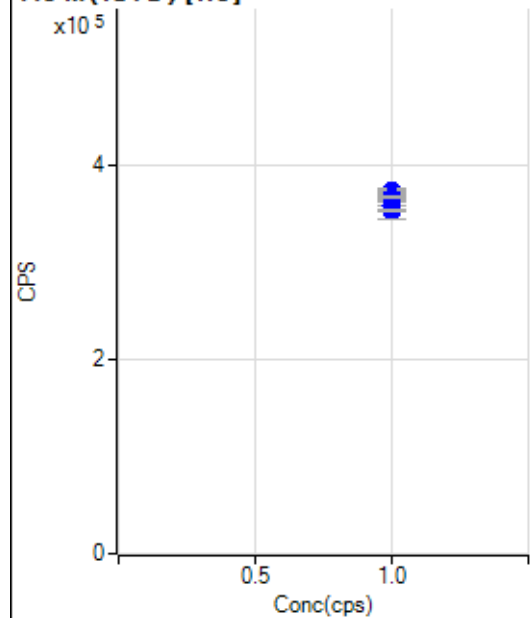
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4724073.28		A	0.2
2	☐	1.000					
3	☐	1.000		4678482.40		A	2.0
4	☐	1.000		4616853.83		A	0.5
5	☐	1.000		4535419.98		A	5.9
6	☐	1.000		4697420.46		A	1.2
7	☐	1.000		4538737.52		A	0.7
8	☐	1.000		4576279.70		A	1.8
9	☐	1.000		4426885.08		A	2.9

103 Rh (ISTD) [He]

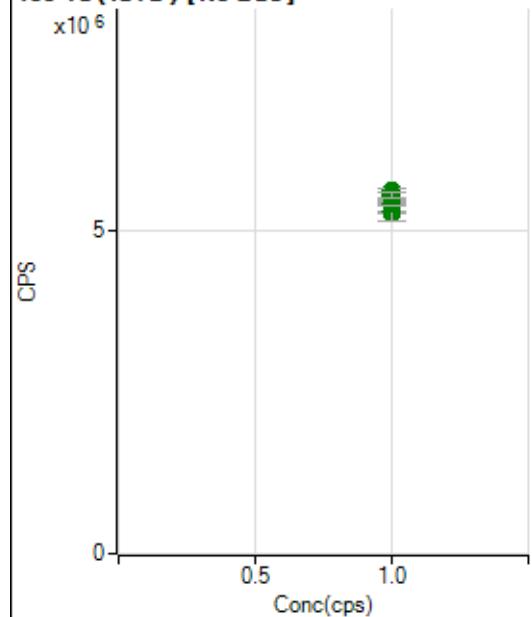
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1878140.88		A	1.8
2	☐	1.000					
3	☐	1.000		1843486.36		A	1.0
4	☐	1.000		1820767.79		A	1.6
5	☐	1.000		1841365.48		A	0.5
6	☐	1.000		1758759.47		A	4.5
7	☐	1.000		1799745.56		A	8.8
8	☐	1.000		1851941.22		A	0.9
9	☐	1.000		1703510.37		A	0.6

115 In (ISTD) [No Gas]

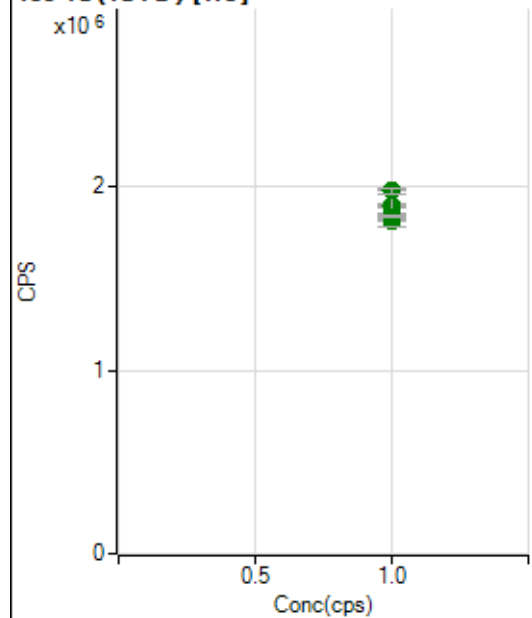
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4852223.41		A	0.4
2	☐	1.000					
3	☐	1.000		4762152.50		A	0.8
4	☐	1.000		4707643.58		A	0.7
5	☐	1.000		4652054.35		A	4.8
6	☐	1.000		4870523.30		A	1.6
7	☐	1.000		4636125.40		A	1.3
8	☐	1.000		4699596.01		A	1.4
9	☐	1.000		4678296.43		A	2.0

115 In (ISTD) [He]

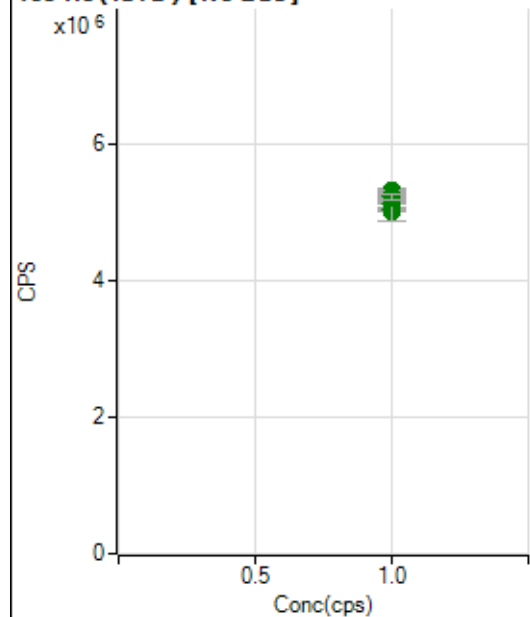
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		373124.01		P	1.1
2	☐	1.000					
3	☐	1.000		366686.89		P	1.1
4	☐	1.000		365382.54		P	1.6
5	☐	1.000		368385.40		P	0.5
6	☐	1.000		351071.29		P	3.6
7	☐	1.000		358943.30		P	8.3
8	☐	1.000		366416.64		P	0.8
9	☐	1.000		353389.50		P	0.8

159 Tb (ISTD) [No Gas]

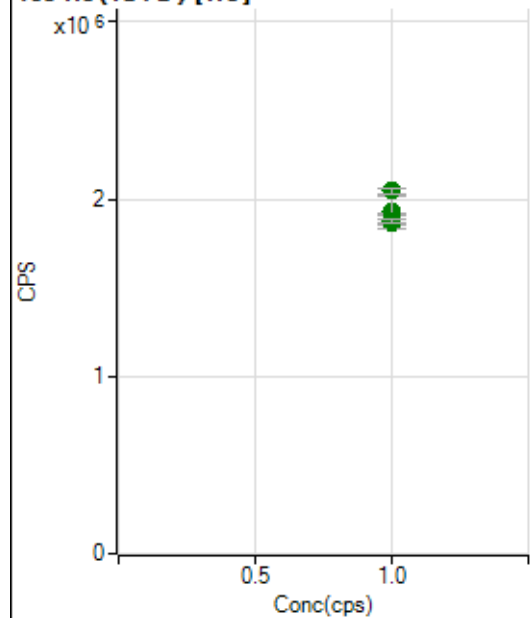
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5423216.38		A	0.7
2	☐	1.000					
3	☐	1.000		5397232.84		A	0.7
4	☐	1.000		5279126.90		A	0.4
5	☐	1.000		5306153.01		A	5.4
6	☐	1.000		5615755.75		A	1.0
7	☐	1.000		5426694.99		A	1.3
8	☐	1.000		5553827.56		A	2.0
9	☐	1.000		5550430.40		A	1.4

159 Tb (ISTD) [He]

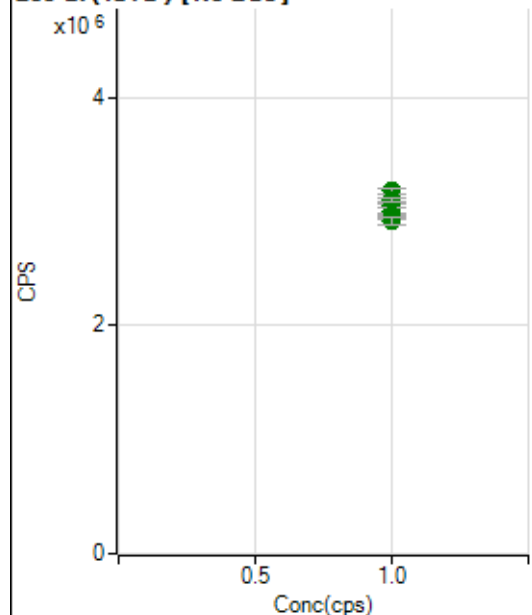
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1899978.48		A	0.6
2	☐	1.000					
3	☐	1.000		1821246.71		A	0.6
4	☐	1.000		1852893.11		A	1.0
5	☐	1.000		1888287.63		A	0.3
6	☐	1.000		1815905.60		A	3.5
7	☐	1.000		1899554.71		A	8.6
8	☐	1.000		1979075.20		A	1.5
9	☐	1.000		1839414.65		A	0.9

165 Ho (ISTD) [No Gas]

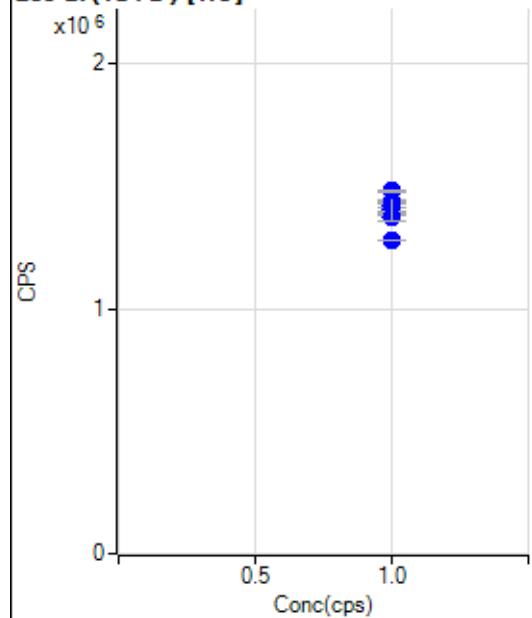
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5150752.68		A	0.5
2	☐	1.000					
3	☐	1.000		5130608.62		A	1.9
4	☐	1.000		5031148.98		A	0.2
5	☐	1.000		5038738.83		A	6.1
6	☐	1.000		5321439.70		A	1.4
7	☐	1.000		5228298.99		A	0.6
8	☐	1.000		5309347.17		A	0.5
9	☐	1.000		5237069.61		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1912913.98		A	0.4
2	☐	1.000					
3	☐	1.000		1875414.33		A	0.7
4	☐	1.000		1878743.50		A	1.0
5	☐	1.000		1917742.26		A	0.7
6	☐	1.000		1862480.99		A	2.8
7	☐	1.000		1934332.89		A	8.3
8	☐	1.000		2045964.05		A	1.5
9	☐	1.000		1873870.37		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3074598.29		A	0.6
2	☐	1.000					
3	☐	1.000		3054661.76		A	1.8
4	☐	1.000		2979991.24		A	0.4
5	☐	1.000		3002437.11		A	4.7
6	☐	1.000		3180633.29		A	1.9
7	☐	1.000		3050168.12		A	0.7
8	☐	1.000		3107454.36		A	1.2
9	☐	1.000		2917249.68		A	2.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1436218.62		P	1.1
2	☐	1.000					
3	☐	1.000		1385333.50		P	0.5
4	☐	1.000		1405133.69		P	1.1
5	☐	1.000		1431462.76		P	0.7
6	☐	1.000		1376576.31		P	3.1
7	☐	1.000		1418224.82		P	8.5
8	☐	1.000		1480239.44		P	0.7
9	☐	1.000		1276422.37		P	0.2